



University of
Massachusetts
Lowell

Continuing Studies, Corporate & Distance Education
<http://continuinged.uml.edu>

2008

summer

HAVE THE BEST OF BOTH WORLDS

PURSUE YOUR EDUCATION

ONLINE OR ON CAMPUS



Classes Begin May 27, 2008
Undergraduate & Graduate Courses

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- See pages 2 & 20 for our new blended courses in Nursing
- See page 5 for our online Graduate Education Programs

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Continuing Studies, Corporate & Distance Education
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UMass Lowell

This Summer Have the Best of **BOTH WORLDS!**

Pursue your Education Online or On Campus!

Mix & Match

This Summer UMass Lowell Students can have the "Best of Both Worlds." By "mix and matching" on campus and online courses, students can choose classes that fit their individual learning styles & lifestyles.

Take a look at our Graduate School of Education Summer offerings

Summer is a great time for teachers to pursue professional development or earn a graduate degree online. See our ad on page 5.

Ask Us About Blended Learning

Testimonials continue to confirm that our students value their on campus experiences as well as the high level of interaction they receive online. If you are interested in learning more about how you can blend online & face-to-face classes, take advantage of our information session listed below or visit our website at <http://continuinged.uml.edu/blended>.



Programs for Healthcare Professionals

Blended Graduate Courses in Health Management and Policy!

Healthcare Finance
32.511-041

Healthcare Information Systems
32.607-041

Visit <http://continuinged.uml.edu/hmp> for more details!

Take a Look at our Blended Healthcare Programs

This Summer the School of Health & Environment will continue to offer its Master's Program in Health Management plus several graduate certificates in a blended format developed specifically for healthcare professionals. Please see below for a listing of courses offered this Summer.

Consider All Your Options

We hope you will take the time to review the hundreds of educational opportunities available in this bulletin to pursue your professional education this Summer.

New this summer

ATTENTION RN'S!

Blended Courses in Nursing

UMass Lowell to Offer Its First Blended Undergraduate Course in Nursing:

Research in Nursing and Health Care
33.301-041

See our ad on page 20 for information on the new blended RN to BS in Nursing degree program.

PERSONALIZED STUDENT SERVICES AVAILABLE

Continuing Education Information Session

MONDAY, APRIL 28, 2008 AT 1:00 P.M.



EARLY BIRD INFORMATION SESSION

Continuing Studies Student Support Specialists will hold an Early Bird Information Session for those who would like to learn more about our programs and financial aid. All current students and prospective students are invited to participate. These presentations will be followed by an informal question and answer period.

- Monday, April 28, 2008 at 1:00 pm

CALL THE FACULTY AND STUDENT SUPPORT CENTER TODAY AT (978) 934-2474 TO RESERVE YOUR SPACE. YOU CAN ALSO VISIT OUR WEBSITE AT [HTTP://CONTINUINGED.UML.EDU](http://continuinged.uml.edu) TO LEARN MORE ABOUT OUR PROGRAMS.

NEW STUDENT ORIENTATION

Wednesday, May 7, 2008 at 5:00 p.m. in the Faculty & Student Support Center.

CALL (978) 934-2474 TODAY TO RESERVE YOUR SEAT!
NOTE: IF YOU ARE UNABLE TO ATTEND THIS ON CAMPUS SESSION, PLEASE SEE OUR WEBSITE FOR AN ONLINE ORIENTATION AT [HTTP://CONTINUINGED.UML.EDU/GENERAL/ADVISING.HTM](http://continuinged.uml.edu/general/advising.htm)

Continuing Studies Student Support Specialists will hold an Early Bird Information Session for those who would like to learn more about our programs and financial aid. All current students and prospective students are invited to participate. An overview presentation will be followed by an informal question and answer period.

Are you a new Continuing Studies student? Do you have questions about registration, tuition, financial aid, applying to a degree or certificate program, etc.? Find out how easy it is to get answers to questions such as:

- How do I select a course and check for prerequisites?
- How do I register?
- Am I able to enroll in a degree or certificate program?
- When do I pay for my courses?
- Where is my classroom located?
- How do I take a course online?
- How do I use the electronic library?

Call the Faculty and Student Support Center today at (978) 934-2474 to reserve your space. You can also visit our website at <http://continuinged.uml.edu/> to learn more about our programs.

UNDERGRADUATE Certificate Programs

Customize your undergraduate certificate

* Most certificates are available on campus and online.

Our Continuing Education Certificate Programs get you one step closer to your degree, faster than you ever imagined possible.

Six to Ten Courses to a New Career.

Please note, UMass Lowell also offers several Online Graduate Certificate Programs. See page 5 for more details

ONLINE GRADUATE Certificate Programs!

- Certificate in Behavioral Intervention in Autism
- Certificate in Security Studies
- Certificate in Clinical Pathology
- Certificate in Foundations of Business
- Certificate in Forensic Criminology
- Certificate in Domestic Violence Prevention
- **NEW!** Certificate in Plastics Engineering Fundamentals **ONLINE!**

According to The Boston Globe,
This is "An exciting time
for high tech employment.
Booming market continues
for computer specialties."

Source: Boston Globe, Careers Section,
November 11, 2007



UNDERGRADUATE CERTIFICATES:

Now available in a Blended Format!

The CERTIFICATE IN COMPUTER-ASSISTED MANUFACTURING

Maximize your convenience! Now you can take a combination of online and on campus courses when you pursue the Certificate in Computer-Assisted Manufacturing at UMass Lowell.

Required Courses: (5)

- 23.101 Engineering Graphics (On Campus)
- 23.200 Computer Aided Drafting (Online)
- 23.419 Computer Aided Manufacturing (On Campus)
- 23.480 Computer Aided Design (Online)
- 23.484 Intro to Pro/ENGINEER (Online) or
- 23.485 Intro to SolidWorks (Online)

For further information contact Professor
Robert Tuholski at (978) 934-2593 or
email Robert_Tuholski@uml.edu

Creative Arts/Media APPLICATIONS

Multimedia Applications

Available on-campus and online
Use Towards a Degree in Information Technology!*

The Multimedia Certificate Program at UMass Lowell is one of the largest, most comprehensive programs of study in multimedia available in New England. It draws upon the expertise of several departments, colleges, and centers within the University, as well as outside expertise from industry professionals. You can earn the Certificate in Multimedia Applications online or as a mix of online and on campus courses!

Required Courses: (4)

- 90.230 Introduction to Multimedia
- 90.231 Graphics for Multimedia and the World Wide Web
- 90.232 Desktop Video Production
- 90.247 Web Authoring: Adobe® Flash™

Electives (Choose 2):

- 42.221 Writing for Interactive Media
- 70.262 Digital Imaging and Photography: Photoshop®
- 70.264 Computer Graphics and Illustration
- 70.291 Introduction to Graphic Design
- 70.376 3D Computer Animation
- 70.377 Advanced Animation: After Effects®
- 70.379 Website Design: Dreamweaver®
- 70.384 Advanced Website Design and Development
- 70.385 Streaming Media for the Web
- 78.201 Introduction to Audio for Multimedia and the World Wide Web
- 90.227 Developing Interactive Help Systems
- 90.236 Instructional Design for Interactive Media
- 90.238 Website Development: Microsoft® Expression® Web
- 90.239 Multimedia Scripting Using Macromedia Director's Lingo™

- 90.249 Developing IT Training for the Web
- 90.250 E-Commerce on the Web
- 90.291 Introduction to DHTML
- 90.306 Introduction to XML
- 90.347 Rich Web Development with Flash® (Advanced)
- 90.348 Developing Dynamic Websites with ColdFusion® MX

Graphic Design & Digital Imaging

Use Towards a Degree in Information Technology or Liberal Arts!*

This certificate program offers students interested in breaking into graphic design and electronic publishing an innovative mix of traditional design courses along with several courses in the latest publishing technologies. From traditional graphic design to designing for multimedia and the World Wide Web, students in the program complete numerous portfolio pieces geared towards the professional market.

Required Courses: (6)

- 70.291 Introduction to Graphic Design
- 70.240 Fundamentals of Typography
- 70.245 Desktop Publishing: Layout and Production
- 70.262 Digital Imaging and Photography: Photoshop®
- 70.391 Advanced Graphic Design
- 70.400 Portfolio Production Seminar

Electives (Choose 3):

- 70.264 Computer Graphics & Illustration
- 70.362 Advanced Digital Imaging
- 70.376 3D Computer Animation
- 70.377 Advanced Animation: After Effects®
- 70.379 Website Design: Dreamweaver®
- 70.384 Advanced Website Design & Development
- 70.392 Design for Advertising
- 90.230 Introduction to Multimedia
- 90.231 Graphics for Multimedia and the World Wide Web
- 90.238 Website Development: Microsoft® Expression® Web
- 90.247 Web Authoring: Adobe® Flash®

NOW ONLINE!

- 70.379 Website Design
- 70.384 Advanced Website Design & Development

Additional Certificate Programs

UMass Lowell also offers certificate programs in:

- Land Surveying
- Manufacturing Technology
- Nutrition
- Paralegal Studies
- Spanish and Latin American
- Wastewater Treatment
- Water Treatment

Free software

Get Free Microsoft® Developer Software when you register for certain UMass Lowell courses! Refer to the courses with the icon designating applicable courses.

For a complete list of all applicable courses and other information, please visit <http://continuinged.uml.edu/msdnaa.htm>

Website Design & Development

Available on-campus and online
Use Towards a Degree in Information Technology!*

The Certificate Program in Website Design and Development is designed to provide students with the knowledge they need to design and implement effective, dynamic websites. Students pursuing this certificate program have the option of taking either the Web Design Track or the Web Development Track, depending on their particular area of interest. You can earn the Certificate in Website Design & Development entirely online, on campus, or by taking a combination of online and on campus courses.

Website Design Track

Note: Students pursuing the Website Design Track should have basic familiarity with HTML. Those who do not have basic familiarity with HTML are encouraged to take 90.291 Introduction to DHTML as one of their electives prior to taking the required courses in this program.

Required Courses: (4)

- 70.379 Website Design: Dreamweaver®
- 70.384 Advanced Website Design & Development
- 90.231 Graphics for Multimedia and the World Wide Web
- 90.247 Web Authoring: Adobe® Flash®

Electives (Choose 2):

- 70.262 Digital Imaging and Photography: Photoshop®
- 70.385 Streaming Media for the Web
- 90.230 Introduction to Multimedia
- 90.238 Website Development: Microsoft® Expression® Web
- 90.248 Website Database Implementation
- 90.250 E-Commerce on the Web
- 90.291 Introduction to DHTML
- 90.292 Advanced DHTML
- 90.302 JavaScript
- 90.306 Introduction to XML
- 90.347 Rich Web Development with Flash® (Advanced)
- 90.348 Developing Dynamic Websites with ColdFusion® MX

Website Development Track

Required Courses: (4)

- 90.291 Introduction to DHTML
- 90.238 Website Development: Microsoft® Expression® Web
- 90.248 Website Database Implementation
- 90.306 Introduction to XML

Electives: (Choose 2):*

- 70.379 Website Design: Dreamweaver®
- 70.384 Advanced Website Design and Development
- 70.385 Streaming Media for the Web
- 90.227 Developing Interactive Help Systems
- 90.245 Website Server Administration
- 90.246 Active Server Pages .NET
- 90.247 Web Authoring: Adobe® Flash®
- 90.250 E-Commerce on the Web
- 90.292 Advanced DHTML
- 90.301 Java Programming
- 90.302 Java Script
- 90.305 Introduction to Perl
- 90.347 Rich Web Development with Flash® (Advanced)
- 90.348 Developing Dynamic Websites with ColdFusion® MX

*Note: Other 90.xxx courses may be substituted as electives for the Website Development Track with prior approval from the certificate program coordinator.

* Many of the courses in these certificate programs can be applied towards a part-time degree. See page 6 or visit our website for more information on degrees. For information on how to apply these courses into your degree, call our Student Support Specialists at (978) 934-2474.

For more information on any of these certificate programs visit our Website at <http://continuinged.uml.edu> or call (978) 934-2474.



Technical Writing

Available on-campus and online
Use Towards a Degree in Information Technology!*

Those with strong writing skills and an aptitude for computers are encouraged to enter this program. Taught by practicing professionals from the high tech industry, students learn to use the most current technologies and processes.

Required Courses: (4)

- 42.408 Principles of Technical Writing
- 42.412 Software Writing
- 42.413 Advanced Software Writing
- 90.306 Introduction to XML

Electives (Choose 2):**

- 42.221 Writing for Interactive Media
- 90.227 Developing Interactive Help Systems
- 90.228 Introduction to Adobe® FrameMaker
- 90.291 Intro to DHTML

** This is a partial list of elective courses. For a complete list of courses that may be applied as electives, see the Continuing Studies website for computer courses with a 90. OR 92. prefix. or contact the Faculty and Student Support Center at (978) 934-2474.



Information Technology

Available on-campus and online
Use Towards a Degree in Information Technology!*



Contemporary Communications

Available on-campus and online
Use Towards a Degree in Information Technology or Liberal Arts!*

The Contemporary Communications Certificate is intended as an introductory certificate to prepare students for work in a rapidly changing, information-driven workplace. Students will develop skills in research, analysis, writing, graphic presentation of material, and the use of technology as a tool for communication.

Required Courses: (4 plus 2 electives)

Written Communication (Choose 1):

- 42.221 Writing for Interactive Media
- 42.224 Business Writing
- 42.226 Technical and Scientific Communication
- 42.300 Journalism

Computer-Based Communications (Choose 1):

- 90.160 Introduction to Information Systems
- 90.238 Website Development: Microsoft® Expression® Web
- 90.291 Intro to DHTML
- 91.113 Exploring the Internet

Strategic Thinking & Effective Communication (Choose 1):

- 45.202 Introduction to Logic
- 46.210 Media and Politics
- 62.201 Marketing Principles
- 90.250 E-Commerce on the Web
- 90.460 Computer Ethics

Multimedia/Graphic Design and Development (Choose 1):

- 70.291 Introduction to Graphic Design
- 90.230 Introduction to Multimedia
- 90.231 Graphics for Multimedia and the World Wide Web
- 90.232 Desktop Video Production

Electives (Choose 2 not already taken):

- 42.221 Writing for Interactive Media
- 42.224 Business Writing
- 42.226 Technical and Scientific Communication
- 42.300 Journalism
- 45.202 Introduction to Logic
- 45.205 Argumentation and Rhetoric
- 45.207 Corporate Communications
- 45.356 The History, Theory, and Practice of Rhetoric
- 46.210 Media and Politics
- 46.316 Politics and Film
- 62.201 Marketing Principles
- 70.291 Introduction to Graphic Design
- 90.160 Introduction to Information Systems
- 90.230 Introduction to Multimedia
- 90.231 Graphics for Multimedia and the World Wide Web
- 90.232 Desktop Video Production
- 90.238 Website Development: Microsoft® Expression® Web
- 90.250 E-Commerce on the Web
- 90.291 Intro to DHTML
- 90.460 Computer Ethics
- 91.113 Exploring the Internet



Information Technology

Available on-campus and online
Use Towards a Degree in Information Technology!*

The need for professionals with a strong information technology background will continue to increase as business, government, schools, and other organizations seek new applications for computers and networks in the workplace. This certificate is designed as an introductory program for those who want to explore a broad range of electives in different subject areas before deciding on an area of specialization.

Required Courses: (2)

- 90.160 Introduction to Information Systems*
- 90.202 Microsoft Office*

Electives (Choose 4):**

Programming Electives:

- 90.211 Introduction to Programming with C, Part I
- 90.212 Introduction to Programming with C, Part II
- 90.220 Visual Basic
- 90.267 C Programming
- 90.268 C++ Programming
- 90.269 Advanced C++
- 90.270 Visual C++
- 90.364 Problem Solving with C

Database Electives:

- 90.171 Applications Software: Microsoft® Access
- 90.342 Web-Enabled Database Development
- 90.474 Relational Database Concepts

Multimedia/Web Electives:

- 90.230 Introduction to Multimedia
- 91.113 Exploring the Internet

Additional Electives:

- 90.311 Introduction to the UNIX Operating System
- 90.312 Shell Scripting
- 90.461 LAN/WAN Technologies

*Students with appropriate experience can replace the required courses with any of the electives courses.

**Note: This is a partial list. For the complete list of courses that may be applied as electives, see the Continuing Studies website for computer courses with the 90. prefix, or contact the Faculty and Student Support Center at 978-934-2474.



Data/Telecommunications

Available on-campus and online
Use Towards a Degree in Information Technology!*

The Certificate Program in Data/Telecommunications trains participants for positions as entry-level network administrators, LAN technicians, and system analysts responsible for network functions in large or small companies.

Required Courses: (5)

- 90.267 C Programming
- 90.457 Network Security
- 90.461 LAN/WAN Technologies
- 90.462 TCP/IP and Network Architecture
- 90.464 Network Management



Database Management Technologies

Available on-campus and online
Use Towards a Degree in Information Technology!*

The Database Management Technologies Certificate program, as part of Oracle Corporation's Academic Initiative (OAI), prepares students for the requirements and rigors of becoming an in-demand Database Administrator or Developer. Centered on the industry-leading Oracle 10g/11i™ product suite, students engage in a progressive learning experience. Hands-on skill building throughout the program will prepare students for challenging and highly rewarding positions in today's data-driven industry.

Required Courses: (4)

- 90.450 Database Administration I: Introduction to Oracle 10g
- 90.453 Database Administration II: Advanced Oracle 10g
- 90.454 Oracle 10g SQL Development
- 90.459 PL/SQL I: Introduction to Oracle 10g PL/SQL

*Note: Students with experience equivalent to any of the required courses may substitute up to two electives for the required courses, with prior approval of the program coordinator.

(Choose 3 Electives from either of the following Tracks):

Electives: Developer Track

- 90.448 Oracle 10g Portal Development
- 90.449 Oracle 10g Forms and Reports
- 90.467 PL/SQL II: Advanced Oracle 10g PL/SQL
- 90.474 Relational Database Concepts

Electives: Administrator Track

- 90.443 Introduction to Client/Server Computing
- 90.455 Database Administration III: Oracle 10g Projects
- 90.466 Oracle 10g Data Warehousing
- 90.479 Oracle 11i Applications DBA

Note: If you would like to, you may choose one elective course from one of the tracks and two elective courses from the other track, as long as you take a total of three elective courses in addition to the required courses above.

NEW! UNIX Certificate available in accelerated and online format.



UNIX®

Available on-campus and online
Use Towards a Degree in Information Technology!*

The Certificate in UNIX is designed for those currently in the computer industry who want to upgrade their skills, and for those with basic computer literacy who want to enter this fast-growing field. Students learn skills that are immediately applicable in the workplace as well as C Programming, the language in which most networking software is written.

Required Courses: (4)

- 90.267 C Programming
- 90.311 Introduction to the UNIX Operating System
- 90.312 Shell Scripting
- 90.360 Introduction to Data Structures

Electives (Choose 2):

- 90.268 C++ Programming
- 90.269 Advanced C++
- 90.313 UNIX Internals Overview
- 90.316 UNIX System Administration
- 90.318 Advanced UNIX Internals/Tuning
- 90.319 Introduction to Linux
- 90.321 Linux System Administration



Engineering Technology



Plastics Engineering Technology

Use Towards a Degree in Engineering Technology!*

The Plastics Engineering Technology Certificate provides professional training in plastics industry theory and technology. Students are given practical instruction applicable to materials, processing, and design engineering. Courses are taught by the Department of Plastics Engineering's staff of international experts. This program is designed to serve adult students already working in positions in plastics or packaging who need formal education in their work areas. Some of the courses in this certificate can be applied towards the B.S. Degree in Mechanical Engineering Technology: Plastics Option.

Required Courses: (5)

- 27.201 Plastics Material Science I (Commodity Thermoplastics)
- 27.202 Plastics Material Science II (Engineering Thermoplastics)
- 27.219 Introduction to Plastics Processing
- 27.331 Injection Molding
- 27.345 Principles of Extrusion

Electives: (Choose 2 plastics engineering technology elective courses with a 27. prefix)



Computer Engineering Technology

Available on-campus and online
Use Towards a Degree in Engineering Technology!*

The Certificate Program in Computer Engineering Technology is designed to provide students with a broad-based knowledge of digital electronics, microprocessors and advanced digital technologies. All the courses in this certificate program can be applied towards the B.S. degree in Electronic Engineering Technology.

Required Courses: (7)

- 17.341 Logic Design I & Laboratory
- 17.342 Logic Design II & Laboratory
- 17.353 Digital Electronics
- 17.383 Microprocessors A
- 17.384 Microprocessors B
- 90.267 C Programming
- 90.268 C++ Programming



Electronics Technology

Use Towards a Degree in Engineering Technology!*

The Certificate Program in Electronics Technology is designed to provide the students with a broad-based knowledge of circuit theory and electronics, with laboratory work included to ensure that good hands-on experience is acquired along with the deep understanding of fundamental and changing technologies. All the computer courses in this certificate program can be applied towards the A.S. or B.S. degree in Electronic Engineering Technology.

Required Courses: (8)

- 17.213 Circuits I
- 17.214 Circuits II and Laboratory
- 17.215 Circuits III and Laboratory
- 17.216 Circuits IV
- 17.355 Electronics I & Laboratory
- 17.356 Electronics II & Laboratory
- 17.357 Electronics III & Laboratory
- 17.358 Electronics IV & Laboratory



Criminal Justice



Security Management and Homeland Security

Use Towards a Degree in Criminal Justice!*

Since September 11th, the U.S. Department of Labor has been predicting that the employment of security management personnel will grow faster than all other occupations due to the threat of terrorism. This part-time certificate program is designed for personnel working in the areas of public safety, security management, and law enforcement; executives in corporations responsible for overseeing in-house security programs; and information technology professionals.

Required Courses: (4)

- 44.115 Introduction to Homeland Security
- 44.241 Physical Security
- 44.312 Security Management
- 90.385 Introduction to Information Security (Cyber Security)

Electives (Choose 2):

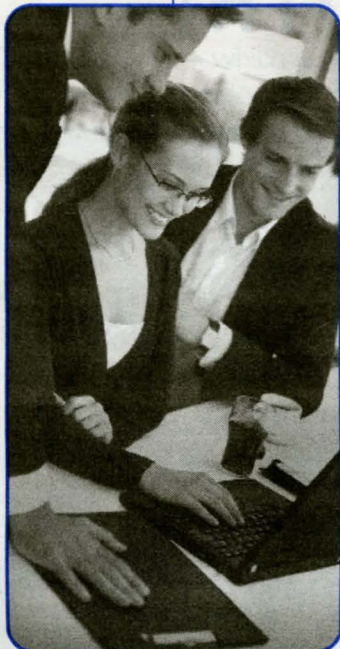
- 44.212 Weapons of Mass Destruction
- 44.234 Criminal Law
- 44.248 Terrorism
- 44.326 Domestic Terrorism and Hate Crimes
- 44.342 Criminal Profiling
- 44.343 Forensic Psychology
- 44.380 Selected Issues in Criminal Justice

FIND OUT HOW EASY IT IS TO TAKE
A COURSE OR COMPLETE YOUR

DEGREE ONLINE!

*** Graduate & Undergraduate * Fully Accredited * Affordable Tuition**

With UMass Lowell's online education program, you can take classes from the convenience of your home or office! Register for one or two courses, or pursue a degree or certificate program entirely online.



Online Undergraduate Degree Programs

- * Associate's Degree in Information Technology
- * Bachelor's Degree in Information Technology
- * Bachelor's Degree in Information Technology: Business Minor
- * Bachelor's Degree in Liberal Arts
- NEW!** * Bachelor's Degree in Psychology

Online Graduate Degree Programs

- NEW!** * Curriculum & Instruction: Education of Diverse Populations (C.A.G.S.)
- * Master's Degree in Reading and Language
- * Master's Degree in Educational Administration
- * Master's Degree in Criminal Justice
- * Master's Degree in Curriculum & Instruction
- * Master's Degree in Business Administration (Online MBA)
- * Master's Degree in Curriculum & Instruction
- * Master's Degree in Curriculum and Instruction with a concentration in Science Education

Online Undergraduate Certificate Programs

- * Certificate in Contemporary Communications
- * Certificate in Multimedia Applications
- * Certificate in UNIX
- * Certificate in Information Technology
- * Certificate in Data/Telecommunications
- * Certificate in Paralegal Studies
- * Certificate in Security Management and Homeland Security
- * Certificate in Website Design and Development

Online Graduate Certificate Programs

- * Certificate in Behavioral Intervention in Autism
- * Certificate in Security Studies
- * Certificate in Clinical Pathology
- * Certificate in Foundations of Business
- * Certificate in Forensic Criminology
- * Certificate in Domestic Violence Prevention
- NEW!** * Certificate in Plastics Engineering Fundamentals

Call (978) 934-2474 or visit <http://continuinged.uml.edu/online> to test drive an online course today! **Note:** The University of Massachusetts System offers additional courses and programs online. Visit www.UMassOnline.net for more details.

Please note: There are no veteran or senior citizens waivers for online courses. Please refer to page 19.

EARN YOUR MBA ONLINE!

UMass Lowell's College of Management, a leader in quality management education and an accredited member of the industry's top accreditation association, recently announced that they are making their popular MBA program available online so that students both near and far can benefit from the program's commitment to excellence.

Master of Business Administration — Earn Your MBA Online, On Campus or Both!

<http://continuinged.uml.edu/online/mba/>

Designed to prepare managers to effectively lead organizations in a rapidly changing and diverse regional, national, and global competitive environments, the MBA program at UML integrates theory and practice, using case studies, experiential learning techniques, and field programs applicable to a wide variety of commercial, industrial and not-for-profit settings. The degree is available entirely online, on campus, or as a mix of online and on campus courses.

Foundations of Business Graduate Certificate Program

<http://continuinged.uml.edu/online/foundofbusiness.htm>

Consisting of six 2-credit courses, this graduate-level certificate program is designed to provide students with a thorough knowledge of the traditional functional areas of business that an undergraduate business degree offers. This program offers an excellent opportunity for people with non-business backgrounds to earn a graduate-level certificate while they attain the appropriate foundation knowledge required for the MBA. Completion of this certificate program will satisfy the foundation portion of the MBA program for those going on to earn their MBA degree.



UMass Lowell's College of Management was recently ranked by the Princeton Review as one of America's Best Business Schools.



UMass Lowell's College of Management is accredited by the Association to Advance Collegiate Schools of Business (AACSB) International.

EARN A MASTER'S DEGREE IN EDUCATION ENTIRELY ONLINE!

UMass Lowell's Graduate School of Education is pleased to announce that it now has four Master's Degrees in Education that are available entirely online. Students complete a total of 10 courses, some of which are core required courses, and some of which are electives in students' particular areas of interest. Students may take up to four graduate-level courses on a non-matriculated basis before applying for admission into the degree program.

- **Educational Administration, M.Ed.**
<http://continuinged.uml.edu/online/edadmin.cfm>
- **Reading and Language, M.Ed.**
<http://continuinged.uml.edu/online/readinglanguage.cfm>
- **Curriculum and Instruction, M.Ed.**
<http://continuinged.uml.edu/online/curriculumandinstruction.cfm>
- **Curriculum and Instruction: Science Education Concentration, M.Ed.**
<http://continuinged.uml.edu/online/seo>

NEW! Earn a Certificate of Advanced Graduate Study in Curriculum and Instruction: Education of Diverse Populations (C.A.G.S.)

<http://continuinged.uml.edu/online/cags.cfm>

A practitioner-oriented graduate degree program for experienced educators who hold a master's degree and teacher licensure. The focus is on knowledge, skills, and dispositions required for working effectively with students from diverse backgrounds.

Summer is
a great time
for teachers
to pursue
professional
development
or earn a
graduate
degree online!



The Standard of Excellence
in Teacher Preparation

UMass Lowell's Graduate School of Education is accredited by the National Council for Accreditation of Teacher Education.

For more information or an admissions packet, email us at edoffice@uml.edu

For more information, contact Gary Mucica, Director of Management Graduate Programs, (978) 934-2853 or Kathleen Rourke, Coordinator of Management Graduate Programs, (978) 934-2848.

REQUIREMENTS AND REGISTRATION PROCEDURES FOR ONLINE COURSES

Online Education Course Registration Students should make sure they have fulfilled the particular course prerequisites prior to registering for a course. See the registration information on page 20 and the Registration Form for New Students at <http://continuinged.uml.edu>. The new registration form also contains a user-friendly checklist to help you through the registration and course login process. Note: Please be sure to provide your email address when you register!

Student Usernames and Passwords: All online students must obtain their online course usernames and passwords by visiting <http://continuinged.uml.edu/online> and clicking on the "get your online course username/password here" link. Usernames and passwords become available two business days after registering for an online course. The process for obtaining online course usernames and passwords is usually made available to students approximately three weeks prior to the start of the semester.

All Online Students are encouraged to review the Online Education website at <http://continuinged.uml.edu/online> to view course software and textbook requirements, course outlines, chat hours and other course specific information. Online courses require weekly participation and assignments. Online students can expect to spend 6-10 hours per course each week engaged in course related activities.

Student Technical Skills and Requirements All students new to Online Education should complete the free Online Demonstration course available on the Online Education Website. Some online courses require additional software. Students are responsible for learning to use course-related software before enrolling in an Online Education course. Tutorials are available on the Online Education Website.

Online Course Software Requirements — Be sure to check our website at <http://continuinged.uml.edu/online> to confirm course software requirements. For the latest information regarding our online courses and programs, visit our website at <http://continuinged.uml.edu/online> or call (978) 934-2474.

THIS SUMMER

Accelerate your progress towards your degree ON CAMPUS, ONLINE, OR BOTH!

UNDERGRADUATE DEGREE PROGRAMS

The following degree programs are available on a part-time, evening basis:

COLLEGE OF ENGINEERING

Associate's Degrees

Civil Engineering Technology
Civil Engineering Technology:
Surveying Option
Electronic Engineering
Technology
Mechanical Engineering
Technology

Bachelor's Degrees

Civil Engineering Technology
Civil Engineering Technology:
Environmental Option
Electronic Engineering Technology
Mechanical Engineering Technology
Mechanical Engineering Technology:
Manufacturing Option
Mechanical Engineering Technology:
Plastics Option

COLLEGE OF ARTS AND SCIENCES

Associate's Degree

Information Technology

Bachelor's Degrees

Applied Mathematics
Criminal Justice
Criminal Justice: Paralegal Option
Information Technology
Information Technology:
Business Minor Option
Liberal Arts

Mathematics

Mathematics: Statistics Concentration

Mathematics: Teacher Concentration

NEW! Psychology

COLLEGE OF MANAGEMENT

Associate's Degree

Management

Bachelor's Degree

Business Administration

NEW FROM UML'S SCHOOL OF HEALTH & ENVIRONMENT! RN to BS in Nursing Degree in a Blended Learning Format – See page 20 for details!

For more information on any of these degree programs visit our Website at <http://continuinged.uml.edu> or call (978) 934-2474

Summer 2008

Earn a Bachelor's Degree in Psychology **ONLINE** —

Take fully online or on campus!

- One of UMass Lowell's most popular degree programs for those interested in the social sciences



The Psychology curriculum acquaints students with scientific methods and psychological studies. It provides students with theoretical foundations in various subfields of psychology: experimental, developmental, social, personality, and clinical psychology. The curriculum emphasizes the application of psychological knowledge and skills in many areas of human functioning. For further information, visit <http://continuinged.uml.edu/online/psychology>

EARN A BACHELOR'S DEGREE IN

Liberal Arts

Students whose education plans were interrupted are perfect candidates for UMass Lowell's part-time Liberal Arts Degree. The Bachelor of Liberal Arts (BLA) degree is designed to provide students with a balanced liberal arts curriculum, while also exposing them to an in-depth study in areas of concentration such as psychology, history, art history, women's studies, english, and legal studies.

Students choose two concentration areas:

1. Psychology Concentration
Available on campus and online
2. Art History Concentration
Available on campus and online
3. Women's Studies Concentration
Available on campus and online
4. Legal Studies Concentration
Available on campus and online
5. History Concentration
Available on campus and online
6. English Concentration
Available on campus and online

Email Continuing_Education@uml.edu or call (978) 934-2474. Additional information on the Bachelor's Degree in Liberal Arts can also be found at <http://continuinged.uml.edu/degrees/bladegree.htm>

EARN A BACHELOR'S DEGREE IN

Engineering Technology

Civil Engineering Technology • Electronic Engineering Technology
Mechanical Engineering Technology

Engineering Technology is your path to success...

For more information on our part-time degree programs in Engineering Technology, visit <http://continuinged.uml.edu/engtech>. For a free brochure call (978) 934-2143 or email Continuing_Education@uml.edu

EARN A BACHELOR'S DEGREE IN

Information Technology

"I knew I had to get a high-demand credential and that I had to do it quickly. By taking a mix of online and on-campus courses, I was able to accelerate my progress towards earning a degree in Information Technology."

Valerie Cox, Recent Graduate

For more information on our B.S. in Information Technology, please visit our website or call the Faculty and Student Support Center at (978) 934-2474.

EARN A 2ND BACHELOR'S DEGREE IN

Information Technology

Interested in changing careers? If you already have a Bachelor's Degree and would like to pursue a second degree in Information Technology, UMass Lowell has a special program for you. Students can pursue a Second Bachelor's in IT by taking 10 additional IT courses in designated areas. See our website at <http://continuinged.uml.edu/degrees/2ndBSIT.htm> for more information.

NEW! BS to MS Program

Interested in making yourself more marketable in the IT marketplace? Consider the Bachelor's to Master's Option in Health Management and Policy with a concentration in Health Informatics. See our website for more details.

CUSTOMIZED TRAINING

Designed to meet your company's business needs

* [HTTP://CONTINUINGED.UML.EDU/CORPORATE](http://continuinged.uml.edu/corporate)

The University — which is particularly well-known for its Engineering, Information Technology, Computer Science, Health, Management, and Manufacturing programs — provides training to employees on campus and at numerous company locations.

A variety of training areas are available, and UMass Lowell can develop customized training programs that feature the industry-specific software and technologies your company uses most! Call (978) 934-2495 to speak with a corporate training specialist. For a list of training areas visit <http://continuinged.uml.edu/corporate>.



NEW! UMass Lowell is now a PMI® approved Registered Education Provider

Project Management Noncredit Certificate* To register call 978-934-2473

For additional information, visit <http://continuinged.uml.edu/corporate/projectmanagementcertificate.htm>

UMASS LOWELL Project Management



PROJECT MANAGEMENT

Project Management: Planning & Scheduling

CRS #00.608-043
Two Days; Meets 9am-4pm; Thursday/Friday,
May 8, 9
Held on Lowell Campus; Tuition: \$725; CEUs:
1.4; PDUs: 14

Project Management: Resources and Budgeting

CRS #00.609-043
Two Days; Meets 9am-4:00pm;
Thursday/Friday, June 12, 13
Held on Lowell Campus; Tuition: \$725; CEUs:
1.4; PDUs: 14

Risk Management (Offered twice)

CRS #00.614-042
Four evenings; Meets 6pm-9:30pm;
Wednesdays, May 7, 14, 21, 28
Held on Lowell Campus; Tuition: \$725; CEUs:
1.4; PDUs: 14

Risk Management

CRS #00.614-043
Two Days; Meets 9am-4pm;
Thursday/Friday, June 19, 20
Held on Lowell Campus; Tuition: \$725; CEUs:
1.4; PDUs: 14

Elective Seminars (Choose 3)

Project Management Boot Camp

CRS #00.613-042
One Day; Meets 9am-4pm; Fri., April 11
Held on Lowell Campus; Tuition: \$425; CEUs:
.7; PDUs: 7

Negotiation Skills

CRS #00.618-042
Two Days; Meets 9am-4pm; Thursday/Friday,
May 15, 16
Held on Lowell Campus; Tuition: \$725; CEUs:
1.4; PDUs: 14

Microsoft® Project

CRS #00.610-042
Two Days; Meets 9am-4pm; Thursday/Friday,
June 5, 6
Held on Lowell Campus; Tuition: \$775; CEUs:
1.4; PDUs: 14

Leadership Skills

CRS #00.616-042
One Day; Meets 9am-4pm; Friday, June 27
Held on Lowell Campus; Tuition: \$425; CEUs:
.7; PDUs: 7

*Learn how you can apply these seminars towards a project management certificate by visiting our website at <http://continuinged.uml.edu>. Seminars may be taken individually or applied towards a project management certificate. For a Project Management brochure call (978) 934-2473.

NEW! Learn NVivo Online! Qualitative Research and Design with NVivo



Offered at two different times:

Session 1: May 28-July 2, 2008;
Course #00.072-041;
Registration Fee: \$450

Session 2: July 14-August 15, 2008;
Course #00.072-042;
Registration Fee: \$450

This 5-week online workshop is designed to provide participants with a thorough overview of NVivo, an industry standard software application frequently used for organizing and analyzing data collected through qualitative research. The weekly online modules have been designed to provide participants with a better understanding of qualitative research design and how they can effectively manage their non-numeric data analysis within the NVivo software environment. Two optional online chat sessions are scheduled during the five week workshop so that you will have an opportunity for audio participation and assistance as you work your way through the modules. Participants will need to have a copy of NVivo 7.0 or 8.0 for use in this course.

For more information, visit

<http://continuinged.uml.edu/qualitativeresearch.htm>

NEW! FDA Compliance: Computer Systems Validation for the Pharmaceutical Industry

Crs#00.628-041 Two Days; Meets 9am-4pm;
Thursday/Friday, June 12, 13
Held on Lowell Campus; Tuition: \$725; CEUs: 1.4

This basic course introduces participants to regulatory requirements for computer systems in the pharmaceutical industry by presenting a logical and effective structure for achieving the validation of computerized systems. It will lay out the basic validation methodology from the Validation Master Plan, requirements documentation and testing protocols (IQ, OQ and PQ), and will cover validation methodology which is a vehicle for documenting the fit for intended use. It will also meet current regulations by building upon existing industry good practice in an efficient and effective manner. Participants are given an overview of the computer systems compliance life cycle and they will learn the FDA's approach on Risk management and how to logically and pragmatically apply the FDA's new line of thinking with industry practice. Participants of this course will walk away with a good understanding of the validation life cycle and how to implement testing for computer systems. The participants will also leave with an understanding of the risk based approach and how it can be applied to their current jobs.

Instructor: Kosal Keo is a Department Manager for an IT Validation/Compliance group and he has over 10 years of industry experience working for some of the pharmaceutical industry's largest firms. He has done private consulting in the area of computer systems validation, quality systems control, and risk assessment.



INTERESTED IN ON-SITE PLASTICS TRAINING?

UMass Lowell is one of the nation's leading universities in plastics. The Plastics Engineering Department has gained worldwide recognition for its state-of-the-art training, research, and experienced faculty who travel nationally and internationally conferring on newly developed concepts and consulting with plastics industry leaders.

You can attend our plastics seminars on campus or ask about having our plastics engineering faculty deliver training on-site to your employees!
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Call (978) 934-2405 today for a free copy of our Plastics Seminars & Workshops brochure or visit <http://continuinged.uml.edu/plastics>

UNDERGRADUATE CREDIT COURSES

May 27–June 27 Summer Session I

Day Classes begin on May 27 and meet Monday through Thursday for 3-credit courses and meet Monday through Friday for 4-credit courses.

M/W Evening Classes begin on May 28 and include 3 FRIDAYS: May 30, June 6 and June 20 at the regularly scheduled hours.

T/Th Evening Classes begin on May 27 and include 2 FRIDAYS: June 13 and June 27 at the regularly scheduled hours.

Reminder: This course listing combines the University of Massachusetts Lowell day school courses and the continuing studies courses. It is important to check course numbers and prerequisites to ensure enrollment in the correct class.

ISIS Class No.	Course No.	Title	Days	Time	Cr (Con)	P: Prerequisite C: Corequisite/Comments	Instructor
ACCOUNTING							
1050	60.201-011	Accounting/Financial	T/Th	6:00-9:15 pm	3		Charles F. Thompson
1150	60.201-061	Accounting/Financial (5/27-8/1/08)	> Online Course		3		Clairmont Carter
1051	60.202-011	Accounting/Managerial	T/Th	6:00-9:15 pm	3	P: 60.201	Lisa Andrusaitis
1430	60.331-011*	Cost Management Systems	T/Th	6:00-9:15 pm	3	P: 60.202; BSBA students (non-Accounting majors) and COM Dean permission.	Laura Christianson
*Before registering for all 300/400-level College of Management courses, students must meet all prerequisites and submit a "College of Management Dean Permission Request Form." Please visit http://continuinged.uml.edu/general/information.htm to fill out the form online.							

ART/COMPUTER GRAPHICS							
1535	70.245-011	Desktop Publishing Layout and Production (Adobe® InDesign / Macintosh)	T/Th	6:30-9:45 pm	3	P: Basic Macintosh proficiency	Alison Poor-Donahue
1163	70.379-061	Website Design: Macromedia® Dreamweaver® (5/27-8/1/08)	➤ Online Course		3	P: Basic HTML and Photoshop familiarity; requires Dreamweaver CS3 and Photoshop CS3	Christopher Perry
1229	70.384-061	Advanced Website Design and Development (5/27-8/1/08)	➤ Online Course		3	P: 70.379; requires Dreamweaver MX or 8.	Christopher MacDonald
Note: While the above courses will not transfer directly into the Art Department's Bachelor of Fine Arts Day School degree program, certain two-course clusters may be accepted for transfer upon prior department approval.							
CERTIFICATE IN GRAPHIC DESIGN AND DIGITAL IMAGING (See page 3 for required courses.)							
CERTIFICATE IN WEBSITE DESIGN AND DEVELOPMENT (See page 3 for required courses.)							

ART HISTORY							
1219	58.101-011	Art Appreciation	M/W	7:00-10:15 pm	3	AE, HSA/AHD	Department Faculty
1374	58.101-061	Art Appreciation (5/27-8/1/08)	> Online Course		3	AE, HSA/AHD	Liana Cheney
2800	58.321-061	Italian Renaissance Art (5/27-8/1/08)	> Online Course		3	AE, HSA/AHD	Liana Cheney

BIOLOGICAL SCIENCES							
1420	83.101-011	Life Science I	T/Th	6:00-9:15 pm	3	SC/SCL	Deepali Gotur
1169	83.214-061	Human Ecology (5/27-8/1/08)	> Online Course		3	SL	Priscilla Mattson
1170	83.214-062	Human Ecology (5/27-8/1/08)	> Online Course		3	SL	Priscilla Mattson

CHEMISTRY							
1171	84.101-061	Applied Chemistry for Non-Scientists (5/27-8/1/08)	> Online Course		3	SL/SCL	Philip Lamprey
1172	84.101-062	Applied Chemistry for Non-Scientists (5/27-8/1/08)	> Online Course		3	SL/SCL	Philip Lamprey
1062	84.111-011	General Chemistry I	T/Th	7:00-10:15 pm	3	C: 84.113; SL/SCL	Department Faculty
1063	84.113-011	General Chemistry Laboratory I	T/Th	3:30-6:45 pm	1 (3)	C: 84.111; SL/SCL	Paul Damour
1064	84.121-011	Chemistry I	M/W	7:00-10:15 pm	3		Department Faculty
1065	84.122-011	Chemistry II	M/W	7:00-10:15 pm	3	P: 84.121; C: 84.124; SL/SCL	J. Barry Mahoney
1066	84.123-011	Chemistry I Laboratory	T/Th	7:00-10:15 pm	1 (3)	C: 84.121 SL/SCL	Paul Damour
1352	84.123-012	Chemistry I Laboratory	T/Th	7:00-10:15 pm	1 (3)	C: 84.121 SL/SCL	Department Faculty
1067	84.124-011	Chemistry II Laboratory	T/Th	7:00-10:15 pm	1 (3)	C: 84.122; SL/SCL	Theodore Coletta
1068	84.221-011	Organic Chemistry I (IA)	M/T/Th	2:45-5:15 pm	3	P: 84.122; C: 84.229	Gene Davis
1069	84.221-012	Organic Chemistry I (IA)	T/Th	7:00-10:15 pm	3	P: 84.122; C: 84.229	Gene Davis
1070	84.229-011	Organic Chemistry IA Laboratory	M/W	6:00-10:15 pm	1 (4)	C: 84.221	Judith Freeman
1071	84.229-012	Organic Chemistry IA Laboratory	T/Th	6:00-10:15 pm	1 (4)	C: 84.221	Judith Freeman

CIVIL ENGINEERING							
1320	14.204-011	Strength of Materials (alternate 22.212)	M-Th	8:00-10:15 am	3	P: 14.203	Department Faculty

CLIENT SERVER TECHNOLOGY							
(See courses listed under Information Technology)							
CERTIFICATE IN DATABASE MANAGEMENT TECHNOLOGIES (See page 4 for required courses.)							

COMPUTER SCIENCE							
2924	91.101-021*	Computing I (5/27-8/15/08)	M-F	9:00-10:00 am	4		James Canning
1532	91.113-011	Exploring the Internet	T/Th	6:00-9:15 pm	3	Non-CS Majors only	Department Faculty
1195	91.113-061	Exploring the Internet (5/27-8/1/08)	> Online Course		3	Non-CS Majors only	Patrick Krolak
1550	94.301-021*	Organization of Programming Languages (5/27-8/15/08)	Thurs	6:00-9:00 pm	3		Krishnan Seetharaman
2801	94.304-021*	Foundation of Computer Science (5/27-8/15/08)	Mon	5:30-8:30 pm	3		Zheng Fang
1551	94.305-021*	Computer Architecture (5/27-8/15/08)	Tues	5:30-8:30 pm	3		David Hendrickson
1552	94.404-021*	Analysis of Algorithms (5/27-8/15/08)	Wed	5:30-8:30 pm	3		Mikhail Zelikov
*Requires permission of Graduate Computer Science Coordinator							

CRIMINAL JUSTICE							
2893	44.111-011	Introduction to Industrial Security	M-Th	10:30 am-12:45 pm	3		Ofer Zmri
2827	44.115-061	Introduction to Homeland Security (5/27-8/1/08)	> Online Course		3		Robert Sojka
1488	44.221-011	Criminology I	T/Th	6:00-9:15 pm	3		Joseph Burke
1485	44.241-061	Physical Security (5/27-8/1/08)	> Online Course		3		Gail Beaudoin
2894	44.312-011	Security Management	M-Th	1:00-3:15 pm	3		Ofer Zmri
2829	44.326-061	Hate Crime (5/27-8/1/08)	> Online Course		3		Richard Lumb
1487	44.343-061	Forensic Psychology (5/27-8/1/08)	> Online Course		3		Denise Hines
1491	44.351-011	Community-Based Corrections	M/W	6:00-9:15 pm	3		Steven Sacco
1524	44.380-061	Selected Topics: Emergency Management (5/27-8/1/08)	> Online Course		3		Allan Roscoe
1221	44.395-011	Statistics in Criminal Justice	M-Th	10:30 am-12:45 pm	3		Jacob Stowell
1025	44.398-011	Criminal Justice Data Analysis	M-Th	8:00-10:15 am	3		Christopher Harris
2895	44.496-011	Criminal Justice Practicum	TBA	TBA	3	Email instructor Gail_Beaudoin@uml.edu to arrange for an appointment.	Gail Beaudoin
For permission numbers and questions regarding the Undergraduate Criminal Justice Program, please email Kathleen_Roscoe@uml.edu.							
CERTIFICATE IN PARALEGAL STUDIES							
CERTIFICATE IN SECURITY MANAGEMENT AND HOMELAND SECURITY (See page 4 for required courses.)							

UNDERGRADUATE CREDIT COURSES

ISIS Class No.	Course No.	Title	Days	Time	Cr (Con)	P: Prerequisite C: Corequisite/Comments	Instructor
CULTURAL STUDIES							
1219	58.101-011	Art Appreciation	M/W	7:00-10:15 pm	3	AE, HSA/AHD	Department Faculty
1374	58.101-061	Art Appreciation (5/27-8/1/08)	➤ Online Course		3	AE, HSA/AHD	Liana Cheney
2793	59.315-011	Islamic Culture and Medieval Europe	M-Th	10:30 am-12:45 pm	3		Atef Ghobrial
2794	59.421-061	Italian Renaissance Art (5/27-8/1/08)	➤ Online Course		3	AE, HSA/AHD	Liana Cheney
ECONOMICS							
1039	49.201-011	Economics I (Microeconomics)	M/W	6:00-9:15 pm	3	P: 90.111; BS/SS	Harjeet Khosla
1135	49.201-061	Economics I (Microeconomics) (5/27-8/1/08)	➤ Online Course		3	P: 90.111; BS/SS	Michael Carter
1136	49.201-062	Economics I (Microeconomics) (5/27-8/1/08)	➤ Online Course		3	P: 90.111; BS/SS	Nurul Aman
1539	49.201-063	Economics I (Microeconomics) (5/27-8/1/08)	➤ Online Course		3	P: 90.111; BS/SS	Joanne Spitz
1041	49.202-011	Economics II (Macroeconomics)	M/W	6:00-9:15 pm	3	P: 90.111; BS/SS	Patricia Machado
1138	49.202-061	Economics II (Macroeconomics) (5/27-8/1/08)	➤ Online Course		3	P: 90.111; BS/SS	Michael Carter
1139	49.202-062	Economics II (Macroeconomics) (5/27-8/1/08)	➤ Online Course		3	P: 90.111; BS/SS	Nurul Aman
1440	49.202-063	Economics II (Macroeconomics) (5/27-8/1/08)	➤ Online Course		3	P: 90.111; BS/SS	Muhammad Anwar
1042	49.211-011	Statistics for Business and Economics I	T/Th	6:00-9:15 pm	3	P: 92.122 or equivalent; BS/SS	Harjeet Khosla
1441	49.211-061	Statistics for Business and Economics (5/27-8/1/08)	➤ Online Course		3	P: 92.122 or equivalent; BS/SS	Kevin Carlson
1245	49.325-061	United States Economic History (5/27-8/1/08)	➤ Online Course		3	P: 49.201 or 49.202; SSD	Carol McDonough
ELECTRICAL AND COMPUTER ENGINEERING							
1246	16.265-011	Logic Design I	M/W	9:15 am-12:30 pm	3	P: 25.108 or 91.101	Anh Tran
1005	16.364-011	Engineering Mathematics	M/W	2:00-5:15 pm	3	P: 92.236, 16.201	Anh Tran
2830	16.412-011	Directed Studies	TBA	TBA	3	P: Permission of instructor	Department Faculty
1306	16.421-011	Real Time Digital Signal Processing	T/Th	6:00-9:15 pm	3	P: 16.362	Mufeed Mah'd
1006	16.428-011	Alternative Energy Sources	M/W	6:00-9:15 pm	3	P: Permission of instructor	Ziyad Salameh
1007	16.429-011	Electric Vehicle Technology	T/Th	6:00-9:15 pm	3	P: Permission of instructor	Ziyad Salameh
ENGLISH							
1018	42.101-011	College Writing I	M-Th	8:00-10:15 am	3		Daniel Graffeo
1105	42.101-061	College Writing I (5/27-8/1/08)	➤ Online Course		3	Requires MS Word	Richard Keating
2887	42.101-062	College Writing I (5/27-8/1/08)	➤ Online Course		3	Requires MS Word	Erin Bingman
1251	42.102-011	College Writing II	T/Th	7:00-10:15 pm	3	P: 42.101	Mary Hojnacki
1107	42.102-061	College Writing II (5/27-8/1/08)	➤ Online Course		3	P: 42.101; requires MS Word	Marialana Salamone
1365	42.102-062	College Writing II (5/27-8/1/08)	➤ Online Course		3	P: 42.101; requires MS Word	Marialana Salamone
1109	42.212-061	The Short Story (5/27-8/1/08)	➤ Online Course		3	P: 42.102; LT/AH; requires MS Word	Claudine Perreault
1019	42.212-062	The Short Story (5/27-8/1/08)	➤ Online Course		3	P: 42.102; LT/AH; requires MS Word	Claudine Perreault
1475	42.216-011	Monsters, Apes and Nightmares	M-Th	8:00-10:15 am	3	P: 42.102	Todd Avery
1020	42.217-011	The Horror Story	T/Th	7:00-10:15 pm	3	P: 42.102; LT/AH	Todd Avery
1252	42.217-061	The Horror Story (5/27-8/1/08)	➤ Online Course		3	P: 42.102; LT/AH; requires MS Word	Lisa Mahoney
1253	42.217-062	The Horror Story (5/27-8/1/08)	➤ Online Course		3	P: 42.102; LT/AH; requires MS Word	Lisa Mahoney
1254	42.221-061	Writing for Interactive Media (5/27-8/1/08)	➤ Online Course		3		Timothy Garrand
1112	42.224-061*	Business Writing (5/27-8/1/08)	➤ Online Course		3	P: 42.102; requires MSWord	Nancy Brown
1220	42.224-062*	Business Writing (5/27-8/1/08)	➤ Online Course		3	P: 42.102; requires MS Word	Nancy Brown
1255	42.226-061*	Technical and Scientific Communication (5/27-8/1/08)	➤ Online Course		3	P: 42.102; requires MS Word	Peter Payack
1256	42.267-061 NEW!	Introduction to Shakespeare (5/27-8/1/08)	➤ Online Course		3	P: 42.102; LT/AH; requires MS Word	Richard Keating
1257	42.291-061	History of English Literature I (5/27-8/1/08)	➤ Online Course		3	P: 42.102; LT/AH	Jonathan Martin
1022	42.294-011	History of American Literature	M/W	7:00-10:15 pm	3	P: 42.102; LT/AH	Keith Mitchell
2809	42.298-011 NEW!	Children's Literature	T/Th	7:00-10:15 pm	3	P: 42.102; LT/AH	Margery Thibodeau
2811	42.341-061 NEW!	Studies in Film (5/27-8/1/08)	➤ Online Course		3	P: 42.102; LT/AH; requires MS Word	Michael Miller
1444	42.349-061	Arthurian Literature (5/27-8/1/08)	➤ Online Course		3	P: 42.102; LT/AH; requires MS Word	Charles Archer
1477	42.402-011 NEW!	Topics in Writing: Writing for Children	M/W	7:00-10:15 pm	3	P: 42.102	Ned Delaney
1227	42.413-021	Advanced Software Writing (5/27-8/15/08)	Tues	6:00-9:00 pm	3	P: 42.412	Stephen Murphy
*Students will not receive credit for both 42.224 and 42.226. CERTIFICATE IN TECHNICAL WRITING (See page 4 for required courses.)							
ENVIRONMENTAL SCIENCE							
1072	87.115-011	Astronomy	T/Th	7:00-10:15 pm	3	SL/SCL	Arnold O'Brien
1073	87.117-011	Astronomy Lab	M/W	7:00-9:15 pm	1 (2)	SL/SCL	Arnold O'Brien
GRAPHIC DESIGN AND DIGITAL IMAGING							
(See courses listed under Art and Information Technology.) CERTIFICATE IN GRAPHIC DESIGN AND DIGITAL IMAGING (See page 3 for required courses.)							
HEALTH							
2889	30.315-011	Kinesiology	T/Th	9:00-11:15 am	3	P: For non-exercise physiology majors only	Keith Hallbourg
2890	30.317-011	Kinesiology Lab	Thurs	11:30am-2:45 pm	1 (3)	P: 30.315; For non-exercise physiology majors only	Keith Hallbourg
2866	30.320-011	Legal Issues in Nursing	T/Th	6:00-9:15 pm	3		Pauline Ladebauche
1258	31.201-061	Community Health and Environment (5/27-8/1/08)	➤ Online Course		3	Open to all students	Nicole Champagne
2812	33.301-041*NEW!	Research in Nursing and Health Care (Blended Course: On-Campus plus weekly Online sessions)	T/Th	1:00-4:00 pm	3	P: see ISIS	Margaret Knight
1259	35.101-011	Human Anatomy and Physiology I	T/Th	6:15-9:30 pm	3	C: 35.103; SL/SCL	Paul Fierimonte
1013	35.103-011	Human Anatomy and Physiology Laboratory I	T/W	1:00-5:45 pm	1 (3)	C: 35.101; SL/SCL	Raymond Youngmans
1536	35.206-011	Human Nutrition	T/Th	6:00-9:15 pm	3		Elizabeth Goodrow
1322	35.207-011	Fitness and Nutrition	M/W	6:00-9:15 pm	3		Allison Sigler
1014	36.350-011	Human Biochemistry	M-Th	10:30 am-12:45 pm	3	P: 35.252 or equivalent	Thomas Wilson
*33.301-041 is a blended course (combination of face-to-face and online sessions). The face-to-face classes meet Tuesdays from 1:00-4:00 pm on 5/27 and 6/3; and Thursdays from 1:00-4:00 pm on 6/12, 6/19, and 6/26; plus weekly online sessions.							
HISTORY							
(See also Art History)							
1115	43.107-061	World Civilization I (5/27-8/1/08)	➤ Online Course		3	HS	David Kalivas
1023	43.111-011	U.S. History to 1877	M/W	6:00-9:15 pm	3	HS/AHD	Diane Lewis
2549	43.211-011	Historical Dimensions of Globalization	M-Th	1:00-3:15 pm	3	HS/AH	Leonid Blickstein
2813	43.240-061 NEW!	World War I (5/27-8/1/08)	➤ Online Course		3	HS	Scott Hoerle
1260	43.242-031	World War II (5/27-8/15/08)	➤ Online Course		3	HS; requires proctored exams	Donald Mattheisen
1261	43.274-061	Native American History (5/27-8/1/08)	➤ Online Course		3	HS	Diane Lewis
1328	43.350-011	Colonial America	T/Th	6:00-9:15 pm	3	HS/AHD	Harry Hubbard
1024	43.365-011	United States History Since 1960	T/Th	6:00-9:15 pm	3	HS	Stephen Russell
INFORMATION TECHNOLOGY							
(Including Multimedia and Computer Graphics)							
1179	90.160-011	Introduction to Information Systems	M/W	6:00-9:15 pm	3		Christopher Gambon
1262	90.160-061	Introduction to Information Systems (5/27-8/1/08)	➤ Online Course		3		Lisa Panagopoulos
1180	90.180-061	Applications Software: Microsoft® Excel (5/27-8/1/08)	➤ Online Course		3	P: 90.202 or equivalent; requires MS® Excel 2002 or higher	Robin Desmond
2883	90.202-011	Microsoft® Office	T/Th	6:00-9:15 pm	3	P: Requires MS® Office® XP	Terry Bass
1264	90.202-061	Microsoft® Office (5/27-8/1/08)	➤ Online Course		3	P: Requires MS® Office® XP or higher	Robin Desmond
1074	90.211-011*	Introduction to Programming with C - Part I	T/Th	7:00-10:15 pm	3	P: No previous prog. experience required	Department Faculty
1182	90.211-061*	Introduction to Programming with C - Part I (5/27-8/1/08)	➤ Online Course		3	P: No previous prog. experience required; ANSI C/C++ standard compiler required	James Sears

UNDERGRADUATE CREDIT COURSES

ISIS Class No.	Course No.	Title	Days	Time	Cr (Con)	P: Prerequisite C: Corequisite/Comments	Instructor
1183	90.212-061 *	Introduction to Programming with C - Part II (5/27-8/1/08)	> Online Course		3	P: 90.211; requires ANSI C/C++ standard compiler	Lisa Panagopoulos
1265	90.220-061	Visual Basic® (5/27-8/1/08)	> Online Course		3		Leo Javits
2846	90.228-031	Introduction to Adobe® FrameMaker (5/27-8/15/08)	> Online Course		3		Department Faculty
1267	90.230-031	Introduction to Multimedia (5/27-8/15/08)	> Online Course		3	P: Basic Mac or Windows proficiency; requires eZedia MX	Robert Graham
1548	90.231-061	Graphics for Multimedia and the World Wide Web/Windows (5/27-8/1/08)	> Online Course		3	P: 90.230; requires Photoshop 5.0 or higher; access to a scanner	Randy Howe
2857	90.232-031	Desktop Video Production (5/27-8/15/08)	> Online Course		3	P: 90.230; requires Adobe Premiere Elements 4.0 for the PC, and Final Cut Express for the Mac	Michael Lucas
1268	90.238-061	Website Development: Microsoft Expression Web/Windows (5/27-8/1/08)	> Online Course		3	P: 90.291; 90.231 recommended; requires MS Expression Web	Judith Feeney
1184	90.247-061	Web Authoring: Flash (5/27-8/1/08)	> Online Course		3	P: 90.291, 90.302 or prog. familiarity; requires Macromedia Flash MX or higher	Beatrice Lee
1505	90.267-011 *	C Programming	T/Th	6:00-9:15 pm	3	P: Previous programming experience	Nancy Kiernan
1504	90.267-061 *	C Programming (5/27-8/1/08)	> Online Course		3	P: Previous programming experience; requires Ansi C/C++ compiler software	Timothy Niesen
1506	90.268-011	C++ Programming	T/Th	7:00-10:15 pm	3	P: 90.267 or 90.212	Thomas Kostizak
1186	90.268-061	C++ Programming (5/27-8/1/08)	> Online Course		3	P: 90.267 or 90.212; requires C++ compiler software	Lance Smith
1272	90.270-061	Visual C++.Net (5/27-8/1/08)	> Online Course		3	P: 90.268; requires Visual Studio .NET	Barbara Bancroft
1273	90.291-061	Introduction to DHTML (5/27-8/1/08)	> Online Course		3		William Dubie
1275	90.292-061	Advanced DHTML (5/27-8/1/08)	> Online Course		3	P: 90.291	Isobel Davis
1276	90.297-061	Introduction to Java Programming (5/27-8/1/08)	> Online Course		3	P: Previous programming experience required; requires requires J2SE Development Kit (JDK) 6.0	Lance Smith
1508	90.301-061	Java™ Programming/Windows (5/27-8/1/08)	> Online Course		3	P: 90.297 or 90.268	Elizabeth Kramer
1277	90.302-061	JavaScript (5/27-8/1/08)	> Online Course		3	P: 90.291 or knowledge of HTML	David Sciuto
1509	90.303-061	Advanced Java Programming (5/27-8/1/08)	> Online Course		3	Requires Sun Java Development Kit	Department Faculty
1278	90.305-061	Introduction to Perl (5/27-8/1/08)	> Online Course		3	P: 90.267	Gregory Rushton
1187	90.306-061	Introduction to XML (5/27-8/1/08)	> Online Course		3	P: 90.291; requires either XMLSpy Home edition (textbook recommended) or XMLWriter (instructor recommended)	David Sciuto
1279	90.311-061	Introduction to the UNIX Operating System (5/27-8/1/08)	> Online Course		3		Fred Vegliante
1511	90.312-011	Shell Scripting	T/Th	7:00-10:15 pm	3	P: 90.311, and 90.267 or 90.212	William Vales
1280	90.312-061	Shell Scripting (5/27-8/1/08)	> Online Course		3	P: 90.311, and 90.267 or 90.212	Michael Richards
1513	90.316-061	UNIX System Administration (5/27-8/1/08)	> Online Course		3	P: 90.312	Michael Richards
1281	90.319-061	Introduction to Linux® Programming (5/27-8/1/08)	> Online Course		3	P: Requires Fedora (Core 9 or Ubuntu Gutsy)	C. Justin Seiferth
1282	90.321-061	Linux System Administration (5/27-8/1/08)	> Online Course		3	P: Shell Scripting experience; required software included with text	Barbara Bancroft
1327	90.360-061	Introduction to Data Structures Using C (5/27-8/1/08)	> Online Course		3	P: 90.364, and 90.267 or 90.212; requires Ansi C/C++ compiler software	Isobel Davis
1514	90.364-061	Problem Solving with C (5/27-8/1/08)	> Online Course		3	P: 90.212 or 90.267; requires Ansi C/C++ software	Sean McGowan
1329	90.385-061	Introduction to Information Security (5/27-8/1/08)	> Online Course		3	P: 90.160 and 90.202, or equivalent	Tak Yin Wong
1515	90.443-011	Fundamentals of Client/Server Computing	T/Th	6:00-9:15 pm	3		Umesh Bhargava
2922	90.453-021	Database Administration II: Advanced Oracle 10g (5/27-8/15/08)	Thurs	7:00-10:00 pm	3		T. Michael Cummings
1555	90.454-011	Oracle 10g SQL Development	M/W	7:00-10:15 pm	3		Jeffrey Yang
1188	90.457-061	Network Security (5/27-8/1/08)	> Online Course		3	P: 90.462 or related experience	Tak Yin Wong
1284	90.459-021	PL/SQL I: Introduction to Oracle 10g PL/SQL (5/27-8/15/08)	Tues	7:00-10:00 pm	3		Leon Xia
1189	90.460-061	Computer Ethics (5/27-8/1/08)	> Online Course		3	VC	Sean McGowan
1516	90.461-011	LAN/WAN Technologies	T/Th	6:00-9:15 pm	3	P: 90.267 or previous prog. experience	Jaime Fernandez
1190	90.461-061	LAN/WAN Technologies (5/27-8/1/08)	> Online Course		3	P: 90.267 or previous prog. experience	Edwin Barnes
1531	90.462-011	TCP/IP and Network Architecture	T/Th	6:00-9:15 pm	3	P: 90.461	Arvind Kukreja
1191	90.462-061	TCP/IP and Network Architecture (5/27-8/1/08)	> Online Course		3	P: 90.461	Edwin Barnes
1192	90.464-061	Network Management (5/27-8/1/08)	> Online Course		3	P: 90.461	Jaime Fernandez
1517	90.474-031	Relational Database Concepts (5/27-8/15/08)	> Online Course		3	P: 90.267	Robert Demers
1598	90.480-031	Project-Based Information Systems (5/27-8/15/08)	> Online Course		6	P: Junior status; can be used to replace the sequence of 90.477 and 90.478; requires MS Power Point or OpenOffice	Jon Forsyth
1599	90.480-032	Project-Based Information Systems (5/27-8/15/08)	> Online Course		6	P: Junior status; can be used to replace the sequence of 90.477 and 90.478; requires MS Power Point or OpenOffice	Jon Forsyth

*Students will not receive credit for both 90.267 and the 90.211/90.212 sequence.
 CERTIFICATE IN CONTEMPORARY COMMUNICATIONS (See page 4 for required courses.)
 CERTIFICATE IN DATABASE MANAGEMENT TECHNOLOGIES (See page 4 for required courses.)
 CERTIFICATE IN DATA/TELECOMMUNICATIONS (See page 4 for required courses.)
 CERTIFICATE IN INFORMATION TECHNOLOGY (See page 4 for required courses.)
 CERTIFICATE IN MULTIMEDIA APPLICATIONS (See page 3 for required courses.)
 CERTIFICATE IN UNIX (See page 4 for required courses.)
 CERTIFICATE IN WEBSITE DESIGN AND DEVELOPMENT (See page 3 for required courses.)

LANGUAGES

(See also Cultural Studies)

1433	50.102-011	French II and Culture	M-Th	10:30 am-12:45 pm	3	P: 50.101 or equivalent	Department Faculty
1043	50.211-011	Intermediate French I and Culture	T/Th	7:00-10:15 pm	3	P: 50.102 or equivalent	Valerie Paterson
2873	51.101-011	German I and Culture	M/W	7:00-10:15 pm	3		Gordon Hartig
2815	52.102-011	Italian II and Culture	M-Th	8:00 am-10:15 am	3	P: 52.101 or equivalent	Annalessandra DiPaolo
2876	52.211-011	Intermediate Italian I and Culture	M-Th	10:30 am-12:45 pm	3	P: 52.102 or equivalent	Annalessandra DiPaolo
1045	54.101-061	Spanish I and Culture (5/27-8/1/08)	> Online Course		3	Requires headset, or speakers and microphone	Kimberly Vitchkoski
1144	54.102-011	Spanish II and Culture	T/Th	7:00-10:15 pm	3	P: 54.101 or equivalent	Ana Cristina Ramirez
1543	54.102-061	Spanish II and Culture (5/27-8/1/08)	> Online Course		3	P: 54.101 or equivalent; requires headset, or speakers and microphone	Kimberly Vitchkoski
1046	54.211-011	Intermediate Spanish I and Culture	M-Th	10:30 am-12:45 pm	3	P: 54.102 or equivalent	Francisca Gonzales-Arias
1047	54.211-061	Intermediate Spanish I and Culture (5/27-8/1/08)	> Online Course		3	P: 54.102 or equivalent	Maria Matz
2818	54.212-011	Intermediate Spanish II and Culture	M-Th	1:00-3:15 pm	3	P: 54.211 or equivalent	Francisca Gonzalez-Arias
1147	54.212-061	Intermediate Spanish II and Culture (5/27-8/1/08)	> Online Course		3	P: 54.211 or equivalent	Maria Matz

CERTIFICATE IN SPANISH AND LATIN AMERICAN

LEGAL STUDIES

(See also Paralegal Studies)

1288	41.262-011	Introduction to Business Law	M/W	6:30-9:45 pm	3	SS	William Burke
1466	41.363-011	Corporate and Property Law	T/Th	6:30-9:45 pm	3		Eugene Reardon
1323	41.366-061	International Law (5/27-8/1/08)	> Online Course		3		Bernard Cookson

(See page 3 for details.)

See our Website at <http://continuinged.uml.edu>

UNDERGRADUATE CREDIT COURSES

ISIS Class No.	Course No.	Title	Days	Time	Cr (Con)	P: Prerequisite C: Corequisite/Comments	Instructor
1522	41.367-011	Environmental Law	T/Th	6:30-9:45 pm	3		William Burke
1104	41.370-061	Real Estate Law (5/27-8/1/08)	> Online Course		3		Patricia Sullivan Talty
1016	41.376-011	Family Law	T/Th	7:00-10:15 pm	3		Russell Karl
1541	41.376-061	Family Law (5/27-8/1/08)	> Online Course		3	Requires proctored exams; microphone or headset recommended	Russell Karl
1304	41.381-061	Women and the Law (5/27-8/1/08)	> Online Course		3	Requires MS Word	Donna Zils Banfield
1436	41.387-061	Legal Research Methods (5/27-8/1/08)	> Online Course		3	Law library access required	Martha Lipchitz O'Connor
1289	41.390-061	Litigation (5/27-8/1/08)	> Online Course		3		Ellen Curran
1017	41.497-011	The Paralegal Practicum	TBA	TBA	3	P: Minimum of three paralegal courses and permission of Prof. William Burke, Coordinator, Legal Studies; call (978) 934-2765	Department Faculty

MANAGEMENT

1453	61.300-011*	Investments	T/Th	6:00-9:15 pm	3	COM filter courses and COM Dean permission	Devendra Prasad
2879	61.300-061*	Investments (5/27-7/18/08)	> Online Course		3	COM filter courses and COM Dean permission	Frank Andrews
2926	61.301-061*	Business Finance (5/27-7/1/08)	> Online Course		3	P: 49.201, 49.202, 60.201, COM filter courses, BSBA majors or Business Minor/BSIT with 54+ credits and COM Dean permission; requires proctored exams and logarithm calculator	Yash Puri
1290	61.303-061*	Methods of Financial Analysis (5/27-7/18/08)	> Online Course		3	P: 61.301, BSBA majors and COM Dean permission	Ravi Jain
1153	62.201-061	Marketing Principles (5/27-7/18/08)	> Online Course		3	P: 47.101, 48.101, 49.201; requires proctored exams	Duncan LaBay
1055	63.210-011	Operations Analysis Techniques	M/W	8:00-11:15 am	3	P: 49.211	M. Riaz Khan
1291	63.301-011*	Management Information Systems	T/Th	9:00 am-12:15 pm	3	P: COM filter courses, BSBA majors or Business minor/BSIT/ASIT with 54+ credits and COM Dean permission	Edward Chen
1156	63.301-031*	Management Information Systems (5/27-8/15/08)	> Online Course		3	P: COM filter courses, BSBA majors or Business minor/BSIT/ASIT with 54+ credits and COM Dean permission; requires proctored exams	David Lewis
1454	66.210-011	Professional Communications	M/W	9:00 am-12:15 pm	3	P: BSBA students and COM Dean perm.	James Moran
1455	66.210-012	Professional Communications	T/Th	6:00-9:15 pm	3	P: BSBA students and COM Dean perm.	Karen Hvizda
1159	66.301-061*	Organizational Behavior (5/27-7/18/08)	> Online Course		3	P: COM filter courses, BSBA majors or Business minor/BSIT/ASIT with 54+ credits and COM Dean permission; requires proctored exams	Stuart Freedman
1056	66.490-011*	Strategic Management	M/W	6:00-9:15 pm	3	P: Graduating seniors only; 61.301, 62.201, 63.301, 63.371, 66.301 BSBA students and COM Dean permission;	Ashwin Mehta

*Before registering for all 300/400-level College of Management courses, students must meet all prerequisites and submit a "College of Management Dean Permission Request Form." Please visit <http://continuinged.uml.edu/general/information.htm> to fill out the form online.

MATHEMATICS

1399	90.111-011*	Fundamentals of Algebra	T/Th	7:00-10:15 pm	3		Department Faculty
1075	92.111-011	Quantitative Reasoning	M-Th	10:30 am-12:45 pm	3	Two years of high school algebra; Liberal Arts majors only; no credit toward a degree in science or engineering; MA	Alan Kaplan
1400	92.120-011*	Precalculus Mathematics I	T/Th	6:30-9:45 pm	3	P: 90.111 or equivalent or satisfactory score on the Math Placement Exam given the first evening of class; MA	Candice Weston
1401	92.120-061*	Precalculus Mathematics (5/27-8/1/08)	> Online Course		3	P: 90.111 or equivalent; MA; designed for students who can work independently in math	Alan Doerr
1344	92.121-011*	Management Precalculus	M-Th	8:00-10:15 am	3	MA	Alan Kaplan
1076	92.122-011*	Management Calculus	M-Th	10:30 am-12:45 pm	3	P: 92.119 or 92.120 or 92.121 or equivalent; not for science or engineering majors; MA	Department Faculty
1077	92.122-012	Management Calculus	M/W	6:00-9:15 pm	3	P: 92.119 or 92.120 or 92.121 or equivalent; not for science or engineering majors; MA	Department Faculty
1292	92.123-011	Precalculus Mathematics II	M/W	6:00-9:15 pm	3	P: 92.120; MA	Department Faculty
1078	92.125-011	Calculus A	T/Th	6:00-9:15 pm	3	P: 92.123; MA	Theresa Schille
1293	92.126-011	Calculus B	M/W	6:00-9:15 pm	3	P: 92.125; MA	Department Faculty
1402	92.127-011	Preparation for Calculus	M-F	1:00-3:15 pm	4		Ronald Brent
1201	92.131-021	Calculus I (5/27-8/15/08)	M/W/F	8:00-10:00 am	4	MA	John Lahoud
1202	92.131-022	Calculus I (5/27-8/15/08)	M/W/F	10:30 am-12:30 pm	4	MA	John Lahoud
1203	92.132-021	Calculus II (5/27-8/15/08)	M/W/F	8:00-10:00 am	4	P: 92.131; MA	Marvin Stick
1204	92.132-022	Calculus II (5/27-8/15/08)	M/W/F	10:30 am-12:30 pm	4	P: 92.131; MA	Marvin Stick
1294	92.225-011	Calculus C	M/W	6:00-9:15 pm	3	P: 92.126; MA	Ronald Brent
1408	92.226-011	Calculus D	M/W	6:00-9:15 pm	3	P: 92.225	Philip Breen
1079	92.231-011	Calculus III	M-F	10:30 am-12:45 pm	4	P: 92.132	Rida Mirie
1080	92.234-011	Differential Equations	T/Th	6:00-9:15 pm	3	P: 92.225 or 92.132	Rida Mirie
1295	92.236-011	Engineering Differential Equations	M-F	8:00-10:15 am	3	P: 92.225 or 92.132	Vidhu Prasad
1405	92.283-011	Introduction to Statistics	M-Th	8:00-10:15 am	3	P: 90.111 or equivalent; MA	Alexander Olsen
1406	92.283-012	Introduction to Statistics	M/W	6:00-9:15 pm	3	P: 90.111 or equivalent; MA	Alexander Olsen
1407	92.283-061	Introduction to Statistics (5/27-8/1/08)	> Online Course		3		Ann Marie Hurley
1590	92.283-062	Introduction to Statistics (5/27-8/1/08)	> Online Course		3		Ann Marie Hurley
1296	92.321-061	Discrete Structures I (5/27-8/1/08)	> Online Course		3	P: 90.112 or 92.120; designed for students who can work independently in math	Alan Doerr
1409	92.363-011	Introduction to Data Analysis	M-Th	10:30 am-12:45 pm	3	P: 92.183 or equivalent; MA	Department Faculty
1410	92.375-011	Senior Seminar I	TBA	TBA	1	P: Permission of Coordinator	Department Faculty
1081	92.386-011	Probability and Statistics I	M/W	6:00-9:15 pm	3	P: 92.225 or 92.132	Chittur Venkatesh
2819	92.420-031	Mathematical Problem Solving (5/27-8/15/08)	> Online Course		3	P: 92.221 or 92.321 or instructor permission	Kenneth Levasseur
1298	92.450-011	Mathematical Modeling	M/W	6:00-9:15 pm	3	P: 92.225 or 92.132	James Graham Eagle
2798	92.466-011	Statistical Programming Using SAS	M/W	6:00-9:15 pm	3		Loren Lidsky
2881	92.475-011	Senior Seminar II	TBA	TBA	3	P: Permission of Coordinator	Department Faculty

*Fundamentals of Algebra (90.111) is a preparatory course and cannot be credited toward a degree program at the University of Massachusetts Lowell.

**Credit is given for only one of the three following courses: 90.119, 92.120 or 92.121. For students in the Information Technology Program, 92.120 or 92.121 can be substituted for the combination of 90.112 and 90.119.

University of Massachusetts Lowell day students must have approval from their Department Chairperson before taking courses with a 90 prefix. Many 500-level courses are well within the grasp of upper level undergraduates and may be used as electives. Contact the Graduate School for course listings and admissions procedures.

MECHANICAL ENGINEERING

1299	22.212-011	Strength of Materials (alternate 14.204)	M-Th	8:00-10:15 am	3	P: 22.211, 92.132	Department Faculty
1465	22.242-011	Thermodynamics	T/Th	7:00-10:15 pm	3	P: 92.132 and 95.245, 84.117 or 84.121	John Colluccini
1315	22.381-011	Fluid Mechanics	M-Th	10:30 am-12:45 pm	3	P: 92.231, 92.236, and 22.213 or 14.205	Majid Charnchi

MULTIMEDIA APPLICATIONS

(See courses listed under Information Technology.)

CERTIFICATE IN MULTIMEDIA APPLICATIONS (See page 3 for required courses.)

MUSIC

1058	71.102-011	Music Theory 2	M-Th	8:00-10:15 am	3	P: 71.101	Andrea Kowalski
1059	71.104-011	Aural Skills 2	M-Th	10:30 am-12:05 pm	1 (2)	P: 71.103	Charles Gabriel
1060	71.201-011	Music Theory 3	M-Th	10:30 am-12:45 pm	3	P: 71.102	Andrea Kowalski

UNDERGRADUATE CREDIT COURSES

ISIS Class No.	Course No.	Title	Days	Time	Cr (Con)	P: Prerequisite C: Corequisite/Comments	Instructor
1061	71.203-011	Aural Skills 3	M-Th	8:00-9:35 am	1 (2)	P: 71.102	Department Faculty
2884	77.499-021	Music Business Internship (5/27-8/15/08)	TBA	TBA	6	P: Permission of Chairperson	Alan Williams
2885	78.493-021	Internship in Sound Recording Technology (5/27-8/15/08)	TBA	TBA	6	P: Permission of Coordinator	William Moylan
PARALEGAL STUDIES							
(See also Legal Studies)							
1466	41.363-011	Corporate and Property Law	T/Th	6:30-9:45 pm	3		Eugene Reardon
1104	41.370-061	Real Estate Law (5/27-8/1/08)	> Online Course		3		Patricia Sullivan Talty
1016	41.376-011	Family Law	T/Th	7:00-10:15 pm	3		Russell Karl
1541	41.376-061	Family Law (5/27-8/1/08)	> Online Course		3	Requires proctored exams; microphone or headset recommended	Russell Karl
1436	41.387-061	Legal Research Methods (5/27-8/1/08)	> Online Course		3	Law library access required	Martha Lipchitz O'Connor
1289	41.390-061	Litigation (5/27-8/1/08)	> Online Course		3		Ellen Curran
1017	41.497-011	The Paralegal Practicum	TBA	TBA	3	P: Minimum of three paralegal courses and permission of Prof. William Burke, Coordinator, Legal Studies; call (978) 934-2765	Department Faculty
CERTIFICATE IN PARALEGAL STUDIES							
PHILOSOPHY							
1027	45.201-011	Introduction to Philosophy	T/Th	7:00-10:15 pm	3	VC/AHE	Michael Koran
1124	45.201-061	Introduction to Philosophy (5/27-8/1/08)	> Online Course		3	VC/AHE	Donald LeBlanc
2886	45.201-062	Introduction to Philosophy (5/27-8/1/08)	> Online Course		3	VC/AHE	Joseph Shay
1028	45.202-011	Introduction to Logic and Critical Reasoning	T/Th	7:00-10:15 pm	3	VC/AHE	James Hart
2831	45.203-031	Introduction to Ethics (5/27-8/15/08)	> Online Course		3	VC/AHE	Christopher Phillips
CERTIFICATE IN CONTEMPORARY COMMUNICATIONS (see page 4 for required courses.)							
PHYSICS							
1082	95.103-011	General Physics I	M-Th	8:00-10:15 am	3	C: 96.103; SL/SCLO	Arthur Mittler
1083	95.141-011	Physics I	M-F	8:00-10:15 am	3 (4)	C: 92.131, 96.141; SL	F. Raymond Hardy
1084	95.144-011	Physics II	M-F	8:00-10:15 am	3 (4)	P: 95.141. C: 92.132, 96.144; SL	Kunnat Sebastian
1085	96.103-011	General Physics I Lab (2 days/week)	T/Th	12:30-3:45 pm	1 (2)	C: 95.103 or 95.201; SL	Arthur Mittler
1086	96.141-011	Physics I Lab (2 days/week)	M/W	1:00-4:15 pm	1 (2)	C: 95.141; SL/SCLO	F. Raymond Hardy
1087	96.144-011	Physics II Lab (2 days/week)	T/Th	1:00-4:15 pm	1 (2)	P: 96.141. C: 95.144; SL	Department Faculty
1088	99.101-061	Radiation and Life (5/27-8/1/08)	> Online Course		3	SCLO	Thomas Regan
1089	99.102-011	Radiation and Life Lab	M/W	3:30-5:45 pm	1	(2)P: or C: 99.101; SCLO	Thomas Regan
PLASTICS							
2548	27.219-011	Introduction to Plastics Processing	M/W	6:00-9:15 pm	3		Department Faculty
1011	27.451-011	Selected Topics I	M/W	7:00-10:15 pm	3		Stephen Driscoll
1097	27.452-011	Selected Topics II	T/Th	7:00-10:15 pm	3		Stephen Driscoll
CERTIFICATE IN PLASTICS ENGINEERING TECHNOLOGY (See page 4 for required courses.)							
POLITICAL SCIENCE							
1030	46.101-011	Introduction to American Politics	M-Th	10:30 am-12:45 pm	3	BS/SS	Jeffrey Gerson
1463	46.101-061	Introduction to American Politics (5/27-8/1/08)	> Online Course		3	BS/SS	Jason Carter
2832	46.110-011	Introduction to Politics	M-Th	8:00-10:15 pm	3	SS	George Anthes
1461	46.112-011	Introduction to Comparative Political Systems	M/W	7:00-10:15 pm	3	SSD	Gregory DeLaurier
1464	46.121-061	Introduction to International Relations (5/27-8/1/08)	> Online Course		3	SSD	Donald Leonard
2888	46.265-061 NEW!	Introduction to State and Local Politics (5/27-8/1/08)	> Online Course		3		Dennis Deeb
2833	46.316-011	Politics and Film	M-Th	1:00-3:15 pm	3		Jeffrey Gerson
2834	46.344-011	American Presidency	T/Th	7:00-10:15 pm	3		Dennis Deeb
2896	46.348-061	Literature, Politics and Genocide (5/27-8/1/08)	> Online Course		3		George Chigas
2899	46.368-011	Middle East Politics	T/Th	7:00-10:15 pm	3		Steven Clinkenbeard
PSYCHOLOGY							
1032	47.101-011	General Psychology	T/Th	6:30-9:45 pm	3	BS/SS	John Kendrick
1128	47.101-061	General Psychology (5/27-8/1/08)	> Online Course		3	BS/SS; requires MS Word	Meredith Stanford-Pollock
1423	47.232-061	Psychology of Personality (5/27-8/1/08)	> Online Course		3	P: or C: 47.101; BS/SS; requires MS Word	Joan Cannon
1438	47.255-061	Community Psychology (5/27-8/1/08)	> Online Course		3	P: or C: 47.101; BS/SSD	Erika Sanborne
1335	47.260-061	Child and Adolescent Development (formerly Human Development I) (5/27-8/1/08)	> Online Course		3	P: or C: 47.101; BS/SS	Patricia Trella
1034	47.273-011	Brain, Mind and Behavior (Blended Course: Mon., Tues, Wed. in classroom/Thurs Online)	M-Th	8:00-10:15 am	3	P: 47.101	Mary Duell
1424	47.277-061	Sensation and Perception (5/27-8/1/08)	> Online Course		3	P: 47.101	David Landrigan
1131	47.335-061	Psychology and Women (5/27-8/1/08)	> Online Course		3	P: 47.101; BS/SSD	Mary Francis Drake
1301	47.351-061	Human Sexuality (5/27-8/1/08)	> Online Course		3	P: 47.101; BS/SS	Mary Duell
1425	47.369-061	Research II: Statistics (5/27-8/1/08)	> Online Course		3	P: 47.101, grade of "C" or better in 47.269	David Landrigan
1302	47.472-061	Seminar: Personality (5/27-8/1/08)	> Online Course		3	P: 47.101	Joan Cannon
2755	47.473-011 NEW!	Seminar in Social Psychology: Positive Psychology(Blended Course; Tues./Thurs.in classroom/Mon/Wed Online)	M-Th	1:00-3:15 pm	3	P: 47.101	Meredith Stanford-Pollock
2756	47.477-061	Seminar: Contemporary Trends – Addictions (5/27-8/1/08)	> Online Course		3	P: 47.101	Richard Siegel
REGIONAL ECONOMIC AND SOCIAL DEVELOPMENT							
2854	57.475-011	Community Conflict Resolution	T/Th	6:00-9:15 pm	3		D. Turcotte/ M. Zapata Turcotte
SOCIOLOGY							
1036	48.101-011	Introduction to Sociology	M-Th	8:00-10:15 am	3	BS/SSD	Levon Chorbajian
1303	48.220-061	Self-Assessment and Career Development (5/27-8/1/08)	> Online Course		3		Mary Francis Drake
1037	48.234-011	The Study of Minorities	M/W	7:00-10:15 pm	3	P: 48.101	Christopher Cass
2823	48.317-011	Sociology of Genocide	T/Th	7:00-10:15 pm	3		Christopher Cass
1457	48.380-011	Sociology of Mass Media	M/W	7:00-10:15 pm	3		Levon Chorbajian
2824	48.382-011	Social Movements	M-Th	10:30 am-12:45 pm	3		Richard Hudak
TECHNICAL WRITING							
1227	42.413-021	Advanced Software Writing (5/27-8/15/08)	Tues	6:00-9:00 pm	3	P: 42.412	Stephen Murphy
CERTIFICATE IN TECHNICAL WRITING							
WEBSITE DESIGN AND DEVELOPMENT							
(See courses listed under Information Technology.)							
CERTIFICATE IN WEBSITE DESIGN AND DEVELOPMENT (See page 3 for required courses.)							
WOMEN'S STUDIES							
1304	41.381-061	Women and the Law (5/27-8/1/08)	> Online Course		3	Requires MS Word	Donna Zils Banfield
1131	47.335-061	Psychology and Women (5/27-8/1/08)	> Online Course		3	P: 47.101; BS/SSD	Mary Francis Drake

July 7–August 15 Summer Session II

Day Classes begin on July 7 and meet Monday through Thursday for 3-credit courses and meet Monday through Friday for 4-credit courses.

M/W Evening Classes begin on July 7 and include 2 FRIDAYS: July 18 and August 1 at the regularly scheduled hours.

T/Th Evening Classes begin on July 8 and include 2 FRIDAYS: July 25 and August 8 at the regularly scheduled hours.

Reminder: This course listing combines the University of Massachusetts Lowell day school courses and the continuing studies courses. It is important to check course numbers and prerequisites to ensure enrollment in the correct class.

ISIS Class No.	Course No.	Title	Days	Time	Cr (Con)	P: Prerequisite C: Corequisite/Comments	Instructor
BIOLOGICAL SCIENCES							
2825	83.101-021	Life Science I	T/Th	6:30-9:30 pm	3		Maya Dubey
CHEMISTRY							
1173	84.112-021	General Chemistry II	T/Th	7:00-10:00 pm	3	P: 84.111 or permission of instructor C: 84.114; S/SCLL	Department Faculty
1174	84.114-021	General Chemistry Lab II	T/Th	3:30-6:30 pm	1 (3)	P: 84.113 or permission of instructor; C: 84.112; SL/SCL	Department Faculty
1175	84.122-021	Chemistry II	M/W	7:00-10:00 pm	3	P: 84.121 and 84.123. C: 84.124; SL	J. Barry Mahoney
1176	84.124-021	Chemistry II Lab	T/Th	7:00-10:00 pm	1 (3)	P: 84.123; C: 84.122; SL/SCL	Paul Damour
1382	84.124-022	Chemistry II Laboratory	T/Th	7:00-10:00 pm	1 (3)	C: 84.122; SL/SCL	Theodore Coletta
1177	84.222-021	Organic Chemistry II	M/T/Th	2:45-5:15 pm	3	P: 84.221. C: 84.230; SL	Gene Davis
1178	84.222-022	Organic Chemistry II	T/Th	7:00-10:00 pm	3	P: 84.221. C: 84.230; SL	Gene Davis
1225	84.230-021	Organic Chemistry II A Lab	T/Th	6:00-10:00 pm	1 (4)	P: 84.229; C: 84.222; SL	Judith Freeman
1226	84.230-022	Organic Chemistry II A Lab	M/W	6:00-10:00 pm	1 (4)	P: 84.229. C: 84.222; SL	Judith Freeman
CIVIL ENGINEERING							
1090	14.205-021	Dynamics (alternate 22.213)	M-Th	8:00-10:00 am	3	P: 14.203, 92.132	John McKelliget
CLIENT SERVER TECHNOLOGY							
(See courses listed under Information Technology)							
CERTIFICATE IN DATABASE MANAGEMENT TECHNOLOGIES (See page 4 for required courses.)							
COMPUTER SCIENCE							
1194	91.113-021	Exploring the Internet	T/Th	6:00-9:00 pm	3	Non-CS Majors only	Department Faculty
CRIMINAL JUSTICE							
2842	44.360-021	Gender, Race and Crime	M/W	7:00-10:00 pm	3		Gail Beaudoin
2868	44.496-021	Criminal Justice Practicum	TBA	TBA	3	Email instructor at Gail_Beaudoin@uml.edu to arrange for an appointment.	Gail Beaudoin
For permission numbers and questions regarding the Undergraduate Criminal Justice Program, please email Kathleen_Roscoe@uml.edu.							
CERTIFICATE IN PARALEGAL STUDIES							
CERTIFICATE IN SECURITY MANAGEMENT AND HOMELAND SECURITY (See page 4 for required courses.)							
ECONOMICS							
1134	49.201-021	Economics I (Microeconomics)	M/W	6:00-9:00 pm	3	P: 90.111; BS/SS	Harjeet Khosla
1137	49.202-021	Economics II (Macroeconomics)	T/Th	6:00-9:00 pm	3	P: 90.111; BS/SS	Department Faculty
1140	49.211-021	Statistics for Business and Economics I	T/Th	6:00-9:00 pm	3	P: 92.122 or equivalent	Harjeet Khosla
ELECTRICAL AND COMPUTER ENGINEERING							
1004	16.362-021	Signals and Systems I	T/Th	2:00-5:00 pm	3	P: 16.202, 92.236	Mufeed Mah'd
1248	16.460-021	Biomedical Instrumentation	T/Th	6:00-9:00 pm	3	P: 92.132, 95.144	Mufeed Mah'd
1224	16.461-021	Engineering Electromagnetics II	T/Th	3:00-6:00 pm	3	P: 16.360, 16.364	Dikshitulu Kalluri
ENGLISH							
1250	42.101-021	College Writing I	M/W	7:00-10:00 pm	3		Patrick Lochelt
1106	42.102-021	College Writing II	T/Th	7:00-10:00 pm	3		Kim Komperda
1108	42.212-021	The Short Story	M/W	7:00-10:00 pm	3	P: 42.102; LT/AH	Madeline Sherlock
1110	42.217-021	The Horror Story	T/Th	7:00-10:00 pm	3	P: 42.102; LT/AH	Carl Mason
1111	42.224-021	Business Writing	M/W	6:00-9:00 pm	3	P: 42.102	Peter Payack
1113	42.295-021	History of American Literature II	M/W	7:00-10:00 pm	3	P: 42.102; LT/AH	Henry Venuti
GRAPHIC DESIGN AND DIGITAL IMAGING							
(See courses listed under Art and Information Technology.)							
CERTIFICATE IN GRAPHIC DESIGN AND DIGITAL IMAGING (See page 3 for required courses.)							
HEALTH							
1099	30.305-021	Exercise Physiology (Blended Course: On-campus plus weekly online sessions)	M/Th	8:00-10:00 am	4	P: Anatomy and Physiology, Chemistry; not open to UMass Lowell Exercise Physiology majors; SL	Sean Collins
1521	35.102-021	Human Anatomy and Physiology II	T/Th	6:15-9:15 pm	3	P: 35.101, 35.103 (or equiv.); C: 35.104; SL/SCL	Paul Fierimonte
1102	35.104-021	Human Anatomy & Physiology Lab II	T/W	1:00-5:30 pm	1 (3)	P: 35.101, 35.103; C: 35.102; SL/SCL	Raymond Youngmans
1309	35.211-021	Basic Clinical Microbiology and Pathology	M-Th	6:00-8:00 pm	3	P: Anatomy and Physiology	Bryan Cowell
1310	35.213-021	Basic Clinical Microbiology and Pathology Lab	M-Th	8:00-10:00 pm	1 (3)	C: 35.211	Bryan Cowell
1458	38.420-021	Advanced Study in Exercise Physiology (Blended course: On-campus plus weekly online sessions.)	Mon	10:15 am-12:15 pm	3		Sean Collins
CERTIFICATE IN NUTRITION							
HISTORY							
(See also Art History)							
1114	43.106-021	The Modern World	T/Th	6:00-9:00 pm	3	HS/AHD	Leonid Blickstein
1116	43.112-021	U.S. History Since 1877	M/W	7:00-10:00 pm	3	HS/AHD	Diane Lewis
2882	43.200-021 NEW!	Early Christianity: The First Centuries	M-Th	8:00-10:00 am	3	AH	Andrew Drenas
2550	43.355-021	Jacksonian America	T/Th	6:00-9:00 pm	3	HS	Robert Lemire
2551	43.393-021	History of Middle East	M-Th	8:00-10:00 am	3	HS	Stephen Russell
INFORMATION TECHNOLOGY							
(Including Multimedia and Computer Graphics)							
1181	90.211-021*	Intro to Programming with C - Part I	M/W	7:00-10:00 pm	3	No previous prog. experience required	Department Faculty
1503	90.212-021*	Intro to Programming with C - Part II	T/Th	7:00-10:00 pm	3	P: 90.211	Department Faculty
1185	90.268-021	C++ Programming	M/W	7:00-10:00 pm	3	P: 90.267 or 90.212	Joseph Russell
1312	90.297-021	Introduction to Java Programming	T/Th	6:00-9:00 pm	3	P: Previous prog. experience required	Spencer Marks
1512	90.312-021	Shell Programming	M/W	7:00-10:00 pm	3	P: 90.311, and 90.267 or 90.212	Michael Richards
*Students will not receive credit for both 90.267 and the 90.211/90.212 sequence.							
CERTIFICATE IN CONTEMPORARY COMMUNICATIONS (See page 4 for required courses.)							
CERTIFICATE IN DATABASE MANAGEMENT TECHNOLOGIES (See page 4 for required courses.)							
CERTIFICATE IN DATA/TELECOMMUNICATIONS (See page 4 for required courses.)							

UNDERGRADUATE CREDIT COURSES

ISIS Class No.	Course No.	Title	Days	Time	Cr (Con)	P: Prerequisite C: Corequisite/Comments	Instructor
CERTIFICATE IN INFORMATION TECHNOLOGY (See page 4 for required courses.) CERTIFICATE IN MULTIMEDIA APPLICATIONS (See page 3 for required courses.) CERTIFICATE IN UNIX (See page 4 for required courses.) CERTIFICATE IN WEBSITE DESIGN AND DEVELOPMENT (See page 3 for required courses.)							
LANGUAGES							
(See also Cultural Studies)							
1141	50.212-021	Intermediate French II and Culture	T/Th	7:00-10:00 pm	3	P: 50.211 or equivalent	Department Faculty
2874	51.102-021	German II and Culture	M/W	7:00-10:00 pm	3	P: 51.101 or equivalent	Gordon Hartig
2843	52.212-021	Intermediate Italian II and Culture	M-Th	10:15 am-12:15 pm	3	P: 52.211 or equivalent	Annalessandra DiPaolo
1145	54.102-021	Spanish II and Culture	M-Th	10:15 am-12:15 pm	3	P: 54.101 or equivalent	Francisca Gonzalez-Arias
2837	54.211-021	Intermediate Spanish I and Culture	T/Th	7:00-10:00 pm	3	P: 54.102 or equivalent	Ana Ruiz Ramirez
1146	54.212-021	Intermediate Spanish II and Culture	M-Th	12:30-2:30 pm	3	P: 54.211 or equivalent	Francisca Gonzalez-Arias
CERTIFICATE IN SPANISH AND LATIN AMERICAN							
LEGAL STUDIES							
(See also Paralegal Studies)							
1015	41.363-021	Corporate and Property Law	M/W	7:00-10:00 pm	3		Paul King
1468	41.370-021	Real Estate Law	M/W	6:00-9:00 pm	3		John Laderoute
1470	41.381-021	Women and the Law	M/W	7:00-10:00 pm	3		Department Faculty
1471	41.387-021	Legal Research Methods	T/Th	6:00-9:00 pm	3		Walter Toomey
1523	41.392-021	Wills, Trusts and Estates	T/Th	6:00-9:00 pm	3		Department Faculty
MANAGEMENT							
2838	61.301-021*	Business Finance	M/W	6:00-9:00 pm	3	P: 60.201, 49.201, 49.202; COM filter courses, BSBA majors or Business Minor/BSIT/ASIT with 54+ credits and COM Dean permission	Ravi Jain
1546	66.210-021	Professional Communications	M/W	9:00 am-Noon	3	P: BSBA students and COM Dean perm.	James Moran
1547	66.210-022	Professional Communications	T/Th	6:00-9:00 pm	3	P: BSBA students and COM Dean perm.	Karen Hvizda
*Before registering for all 300/400-level College of Management courses, students must meet all prerequisites and submit a "College of Management Dean Permission Request Form". Please visit http://continuinged.uml.edu/general/information.htm to fill out the form online.							
MATHEMATICS							
1411	90.111-021*	Fundamentals of Algebra	M/W	7:00-10:00 pm	3		Department Faculty
1412	92.120-021**	Precalculus Mathematics I	M/W	6:30-9:30 pm	3	P: 90.111 or equivalent or satisfactory score on the Math Placement Exam given the first week of class; MA.	Candice Weston
1345	92.121-021**	Management Precalculus	M-Th	8:00-10:00 am	3	P: 90.111 or equivalent; MA	Alan Kaplan
1197	92.122-021	Management Calculus	M-Th	10:15 am-12:15 pm	3	P: 90.119 or 92.120 or 92.121 or equivalent; not for science or engineering majors; MA	Department Faculty
1198	92.123-021	Precalculus Mathematics II	T/Th	7:00-10:00 pm	3		Terence Watterson
1199	92.125-021	Calculus A	T/Th	7:00-10:00 pm	3	P: 92.123; MA	Alan Kaplan
1200	92.126-021	Calculus B	M/W	7:00-10:00 pm	3	P: 92.125; MA	Theresa Schille
1413	92.127-021	Preparation for Calculus	M-F	12:30-2:30 pm	4		Ronald Brent
1205	92.231-021	Calculus III	M-F	10:15 am-12:15 pm	4	P: 92.132; MA	Rida Mirie
1314	92.234-021	Differential Equations	T/Th	6:00-9:00 pm	3	P: 92.225 or 92.132	Rida Mirie
1414	92.283-021	Introduction to Statistics	M-Th	8:00-10:00 am	3	P: 90.111 or equivalent; MA	Alexander Olsen
1415	92.283-022	Introduction to Statistics	M/W	7:00-10:00 pm	3	P: 90.111 or equivalent; MA	Alexander Olsen
1206	92.321-021	Discrete Structures I	M/W	6:00-9:00 pm	3	P: 90.112 or 92.120	Anthony Penta
1208	92.427-021	Geometry	T/Th	8:30-11:30 am	3	P: 92.221 or 92.321	Marvin Stick
*Fundamentals of Algebra (90.111) is a preparatory course and cannot be credited toward a degree program at the University of Massachusetts Lowell. **Credit is given for only one of the three following courses: 90.119, 92.120 or 92.121. For students in the Information Technology Program, 92.120 or 92.121 can be substituted for the combination of 90.112 and 90.119. University of Massachusetts Lowell day students must have approval from their Department Chairperson before taking courses with a 90 prefix. Many 500-level courses are well within the grasp of upper level undergraduates and may be used as electives. Contact the Graduate School for course listings and admissions procedures.							
MECHANICAL ENGINEERING							
1095	22.213-021	Dynamics (alternate 14.205)	M-Th	8:00-10:00 am	3	P: 22.211, 92.231	John McKelliget
MULTIMEDIA APPLICATIONS							
(See courses listed under Information Technology.)							
CERTIFICATE IN MULTIMEDIA APPLICATIONS (See page 3 for required courses.)							
MUSIC							
1326	71.110-021	Basic Music Theory	M-Th	8:00-10:00 am	3	For Non-Music Majors only; AE/AH	Lauren Ellis
1164	71.202-021	Music Theory 4	M-Th	10:15 am-12:15 pm	3	P: 71.201	Lucerne DeSa
1165	71.204-021	Aural Skills 4	M-Th	8:00-9:20 am	1 (2)	P: 71.203	Lucerne DeSa
PARALEGAL STUDIES							
(See also Legal Studies)							
1015	41.363-021	Corporate and Property Law	M/W	7:00-10:00 pm	3		Paul King
1468	41.370-021	Real Estate Law	M/W	6:00-9:00 pm	3		John Laderoute
1470	41.381-021	Women and the Law	M/W	7:00-10:00 pm	3		Department Faculty
1471	41.387-021	Legal Research Methods	T/Th	6:00-9:00 pm	3		Walter Toomey
CERTIFICATE IN PARALEGAL STUDIES							
PHILOSOPHY							
1123	45.201-021	Introduction to Philosophy	T/Th	7:00-10:00 pm	3	VC/AHE	Michael Koran
1125	45.203-021	Introduction to Ethics	M/W	6:00-9:00 pm	3	VC/AHDE	Christopher Phillips
CERTIFICATE IN CONTEMPORARY COMMUNICATIONS (see page 4 for required courses.)							
PHYSICS							
1211	95.104-021	General Physics II	M-Th	8:00-10:00 am	3	P: 95.103; C: 96.104; SL	Edward Salesky
1212	95.141-021	Physics I	M-F	10:15 am-12:15 pm	3	C: 92.131; 96.141; SL/SCL	Edward Salesky
1213	95.144-021	Physics II	M-F	10:15 am-12:15 pm	3	P: 95.141; C: 92.132, 96.144; SL	Roger McLeod
1214	96.104-021	General Physics II Lab (2 days per week)	T/Th	1:00-4:00 pm	1	P: 96.103; C: 95.104 or 95.202; SL	Department Faculty
1215	96.141-021	Physics I Lab	M/W	1:00-4:00 pm	1	C: 95.141; SL	Department Faculty
1216	96.144-021	Physics II Lab (2 days per week)	T/Th	1:00-4:00 pm	1	P: 96.141; C: 95.144; SL	Department Faculty
1217	99.102-021	Radiation and Life Lab	M/W	3:30-5:30 pm	1	P: or C: 99.101; SL/SCLO	Thomas Regan
PLASTICS							
1012	27.453-021	Selected Topics III	M/W	7:00-10:00 pm	3		Stephen Driscoll
1098	27.454-021	Selected Topics IV	T/Th	7:00-10:00 pm	3		Stephen Driscoll
CERTIFICATE IN PLASTICS ENGINEERING TECHNOLOGY (See page 4 for required courses.)							
POLITICAL SCIENCE							
2869	46.101-021	Introduction to American Politics	T/Th	7:00-10:00 pm	3	BS/SS	Dennis Deeb
1031	46.110-021	Introduction to Politics	M-Th	8:00-10:00 am	3	SS	George Anthes
2844	46.265-021	Introduction to State and Local Politics	M-Th	10:15 am-12:15 pm	3		Jeffrey Gerson
1462	46.316-021	Politics and Film	M-Th	12:30-2:30 pm	3		Jeffrey Gerson
2845	46.363-021 NEW!	Politics of China	M/W	7:00-10:00 pm	3		Gregory DeLaurier

UNDERGRADUATE CREDIT COURSES

ISIS Class No.	Course No.	Title	Days	Time	Cr (Con)	P: Prerequisite C: Corequisite/Comments	Instructor
PSYCHOLOGY							
1127	47.101-021	General Psychology	M-Th	8:00-10:00 am	3	BS/SS	Kenneth Lombart
2757	47.209-021	Social Psychology	M-Th	10:15 am-12:15 pm	3	P: or C: 47.101; BS/SSD	Kenneth Lombart
1316	47.260-021	Child and Adolescent Development (formerly Human Development I) (Blended class: Tuesday in classroom, Thursday online)	T/Th	6:00-9:00 pm	3	P: or C: 47.101; BS/SS	Patricia Trela
1035	47.475-021	Seminar: Clinical Psychology	T/Th	2:45-5:45 pm	3	P: 47.101, and 47.232 or 47.272 or related experience	Peter Hantzis
SOCIOLOGY							
1132	48.101-021	Introduction to Sociology	M-Th	8:00-10:00 am	3	BS/SSD	Levon Chorbajian
1356	48.216-021	Sociology of War and Peace	M-Th	10:15 am-12:15 pm	3		Richard Hudak
2839	48.255-021	Sociology of Deviance	M-Th	10:15 am-12:15 pm	3	SS	Daniel Egan
2840	48.276-021	Sociology of the Gun	M/W	7:00-10:00 pm	3		Christopher Cass
1133	48.340-021	Sociology of Sports	T/Th	7:00-10:00 pm	3	P: 48.101	Levon Chorbajian
2841	48.361-021	Sociology of Law	M-Th	8:00-10:00 am	3		Daniel Egan
TECHNICAL WRITING							
CERTIFICATE IN TECHNICAL WRITING							
WEBSITE DESIGN AND DEVELOPMENT							
(See courses listed under Information Technology.)							
CERTIFICATE IN WEBSITE DESIGN AND DEVELOPMENT (See page 3 for required courses.)							
WOMEN'S STUDIES							
1470	41.381-021	Women and the Law	M/W	7:00-10:00 pm	3		Department Faculty

GRADUATE CREDIT COURSES

Graduate Courses Summer Session I

Except as noted: Day classes begin on May 27.
M/W Evening Classes begin on May 28 and include 3 FRIDAYS: May 30, June 6 and June 20 at the regularly scheduled hours.
T/Th Evening Classes begin on May 27 and include 2 FRIDAYS: June 13 and June 27 at the regularly scheduled hours.

Reminder: It is important to check course numbers and prerequisites to ensure enrollment in the correct class.

Students interested in applying into Graduate degree or certificate programs should contact the Graduate Admissions office at 800-656-GRAD or www.uml.edu/grad. In some cases, a student may take only 6 credits prior to matriculating into a formal graduate degree program. Students with Bachelor's degrees from accredited institutions are eligible to enroll as non-degree students for a total of 12 credits prior to matriculating into formal Graduate degree programs. Generally, students must formally apply to graduate certificate programs before enrolling in graduate courses intended for specific certificate programs.

ISIS Class No.	Course No.	Title	Days	Time	Cr (Con)	P: Prerequisite C: Corequisite/Comments	Instructor
BUSINESS ADMINISTRATION							
1151	60.501-031	Financial Accounting (5/27-7/18/08)			2	P: Open to MBA, Business Certificate or Doctor of Engineering students; requires proctored exams.	Charles Feeney
2847	60.688-031	Current Topics in Accounting: Tax Factors in Business Decisions (5/27-8/15/08)			3	P: 60.501, 60.601; MBA matriculated students and completion of MBA Foundation courses	Kevin Wall
1545	61.501-031	Business Financial Analysis (5/27-7/18/08)			2	Open to MBA, Business Certificate or Doctor of Engineering students	Yash Puri
1053	61.601-011	Corporate Finance (5/27-6/27/08)	M/W	6:00-10:00 pm	3	P: MBA matriculated students and completion of MBA Foundation courses	Devendra Prasad
1154	62.501-031	Marketing Fundamentals (5/27-7/18/08)			2	Open to MBA, Business Certificate or Doctor of Engineering students	Duncan LaBay
1155	62.601-061	Analysis of Customers and Markets (5/27-8/1/08)			3	P: MBA matriculated students and completion of MBA Foundation	Eunsang Yoon
1157	63.501-031	Operations Fundamentals (5/27-7/18/08)			2	P: Open to MBA, Business Certificate or Doctor of Engineering students	Riaz Khan
1330	63.688-061	Current Topics in Management Information Systems: Knowledge Management (5/27-8/1/08)			3	P: 63.601, MBA matriculated students and completion of MBA Foundation courses	Edward Chen
2880	63.690-031	Managerial Quality Control (5/27-8/15/08)			3	P: MBA matriculated students and completion of MBA Foundation core	David Lewis
1160	66.501-031	Organizational Behavior (5/27-7/18/08)			2	P: Open to MBA, Business Certificate or Doctor of Engineering students	Stuart Freedman
1474	66.601-061	Managing Organization Design and Change (5/27-8/1/08)			3	P: MBA matriculated students and s completion of MBA Foundation course	Timm Kainen
1057	66.688-011	Current Topics in Management: Mid-Management Skills for the New Business Environment (5/27-6/27/08)	T/Th	6:00-9:15 pm	3	P: 66.601 or 66.725, MBA matriculated students and completion of MBA Foundation courses	Timm Kainen
1161	66.691-061	Strategy (5/27-8/1/08)			3	P: 60.601, 61.601, 62.601, 64.601, 66.601; MBA matriculated students and completion of MBA Foundation courses	Ashwin Mehta
NOTE: The above MBA courses are also open to non-UML grad students who meet course prerequisites. If not currently registered in a program, please contact the MBA Coordinator, Kathleen Rourke, at 978-934-2848 for permission to take courses.							

For permission numbers and questions regarding the Criminal Justice Program, please email Karen_Mullins@uml.edu.

GRADUATE COURSE LISTINGS

Graduate Courses Summer Session I *Continued*

ISIS Class No.	Course No.	Title	Days	Time	Cr (Con)	P: Prerequisite C: Corequisite/Comments	Instructor
EDUCATION							
1072	01.630-061	Diversity Issues for School Leaders (5/27-8/1/08)	> Online Course		3	**CI, EA, RL, CAGS	Michaela Colombo
1085	04.635-061	Dynamics of Curriculum Change (5/27-8/1/08)	> Online Course		3	**EA, CAGS	James Nehring
1058	04.638-061	Curriculum Design K-12 (5/27-8/1/08)	> Online Course		3	**CI, CAGS, EA	J. Walsh/D. Troughton
1018	04.643-061	The Skillful Teacher (5/27-8/1/08)	> Online Course		3	**CI, CI(sci), CAGS	Robert Gower
1049	04.675-061	Leadership in Science Education (5/27-8/1/08)	> Online Course		3	P: Eight prior courses; **CI(sci)	Michelle Scribner-MacLean
1059	04.676-061	Exploring the Nature of Science (5/27-8/1/08)	> Online Course		3	**CI(sci)	Anita Greenwood
1060	85.581-061	Meteorology for Teachers (5/27-8/1/08)	> Online Course		3	**CI(sci)	T. Vaughan/F. Colby
1019	05.590-061*	Practicum I: Supervisor/Director (5/27-8/1/08)	> Online Course		1	P: Permission of instructor; **EA	Charles Christensen
1020	05.591-061*	Practicum II: Supervisor/Director (5/27-8/1/08)	> Online Course		2	P: 05.590 and permission of instructor; **EA	Charles Christensen
1086	05.592-061*	Practicum I: Elementary School Principal PK-6 (5/27-8/1/08)	> Online Course		1	P: Permission of instructor; **EA	Charles Christensen
1022	05.593-061*	Practicum II: Elementary School Principal PK-6 (5/27-8/1/08)	> Online Course		2	P: 05.592 and permission of instructor; **EA	Charles Christensen
1023	05.594-061*	Practicum I: Middle School Principal 5-8 (5/27-8/1/08)	> Online Course		1	P: Permission of instructor; **EA	Charles Christensen
1024	05.595-061*	Practicum II: Middle School Principal 5-8 (5/27-8/1/08)	> Online Course		2	P: 05.594 and permission of instructor	Charles Christensen
1025	05.596-061*	Practicum I: High School Principal 9-12 (5/27-8/1/08)	> Online Course		1	P: Permission of instructor; **EA	Charles Christensen
1026	05.597-061*	Practicum II: High School Principal 9-12 (5/27-8/1/08)	> Online Course		2	05.596 and permission of instructor; **EA	Charles Christensen
1027	05.642-061	Principles of Supervision (5/27-8/1/08)	> Online Course		3	**EA	Robert Gower
1028	05.643-061	Principalship PK-12 (5/27-8/1/08)	> Online Course		3	**EA	Charles Christensen
1029	06.511-061	Teaching Reading in the Content Area (5/27-8/1/08)	> Online Course		3	**RL	Jay Simmons
1030	06.522-061	Young Adult Literature (5/27-8/1/08)	> Online Course		3	**RL	Lorraine Dagostino
1031	07.642-061	Program Evaluation (5/27-8/1/08)	> Online Course		3	**EA, CAGS	Jill Lohmeier
1062	81.508-061	Cell Biology for Teachers (5/27-8/1/08)	> Online Course		3	CI(sci); course participants will also be required to purchase a kit costing approximately \$35 as well as the textbook. Details for kit purchasing will be sent to course participants at the start of the summer session.	M. Mawn/A. Greenwood

*Instructor's permission is required for this two-semester course, which may be taken after the candidate has completed 21 or more credits, and concurrent with the two remaining courses.

**The Graduate School of Education offers Online Courses leading to three Masters of Education degrees: (1) Educational Administration (EA); (2) Reading and Language Curriculum and Instruction (CI) or Curriculum and Instruction: Science Concentration (CI)(sci). The letters in the prerequisites column refer to which programs each course is aligned. Additionally, a CAGS Online in Curriculum and Instruction is offered.

ELECTRICAL AND COMPUTER ENGINEERING							
1092	16.510-011	Digital Signal Processing	T/Th	2:00-5:15 pm	3	P: 16.362, 16.363 preferred	Mufeed Mah'd
1319	16.521-011	Real Time Digital Signal Processing	T/Th	6:00-9:15 pm	3	P: 16.362	Mufeed Mah'd
2865	16.528-011	Alternate Energy Sources	M/W	6:00-9:15 pm	3	P: Permission of instructor	Ziyad Salameh
1008	16.529-011	Electric Vehicle Technology	T/Th	6:00-9:15 pm	3	P: Permission of instructor	Ziyad Salameh
1009	16.577-011	Verification of Very Large Digital Designs	T/Th	6:00-9:15 pm	3	P: 16.574	James Moran
2897	16.711-011 NEW!	Special Topics in E.E.: CAD-Based Design of High Frequency Circuits	T/Th	6:00-9:15 pm	3	P: Permission of instructor	Luciano Boglione

HEALTH							
2907	32.511-041*	Healthcare Finance (Blended Course) (Held at Lowell General Hospital, Lowell, MA)	Tues	6:00-9:00 pm	3		A. James Lee
2892	34.501-061	Pharmacology	> Online Course (10 weeks)			2	Dan Kiel
1100	34.650-021	Clinical Education Experience I (5/26-7/18/08)	M-F	8:00 am-4:00 pm	3 (4)	P: First-Year Physical Therapy Grad students only	Keith Hallbourg
2867	34.652-021	Clinical Education Experience II (6/23-8/15/08)	M-F	8:00 am-4:00 pm	3 (4)	P: Clinical Ed. Experience I, second-year Physical Therapy graduate students only	Keith Hallbourg
1103	36.613-061	Infectious Disease (5/27-8/1/08)	> Online Course				Guixin He
*32.511-041 is a blended course (combination of face-to-face and Online sessions). The face-to-face classes meet Tuesdays from 6:00-9:00 pm on 5/27, 6/3, 6/10, 6/17, 6/24, 6/26.							

MATHEMATICS							
1209	92.500-061	Discrete Structures (5/27-8/1/08)	> Online Course		3		Alan Doerr
1417	92.509-021	Probability and Mathematical Statistics (5/27-8/15/08)	Mon	5:30-8:30 pm	3		Lee Jones
2849	92.520-031	Mathematical Problem Solving (5/27-8/15/08)	> Online Course		3	P: 92.221 or 92.321 or permission	Kenneth Levasseur
1318	92.550-011	Mathematical Modeling	T/Th	6:00-9:15 pm	3		James Graham-Eagle
2799	92.576-011	Statistical Programming Using SAS	M/W	6:00-9:15 pm	3		Loren Lidsky
1238	92.578-021	Statistical Inference and Data Mining (5/27-8/15/08)	Thurs	5:30-8:30 pm	3	P: 92.386 or equivalent	Lee Jones

MECHANICAL ENGINEERING							
1096	22.512-061	Applied Finite Elements (5/27-8/1/08)	> Online Course		3	P: Requires instructor permission (email James_Sherwood@uml.edu); access to a PC; \$100 course fee for software; required on-campus course orientation, May 27, 6:00 pm	James Sherwood

PSYCHOLOGY							
1240	47.561-031	Introduction to Behavioral Intervention in Autism (5/27-8/15/08)	> Online Course		3	Coursework in the psychology of child development, or related experience	Alicia Perry
1341	47.561-032	Introduction to Behavioral Intervention in Autism (5/27-8/15/08)	> Online Course		3	P: Coursework in the psychology of child development, or related experience	Richard Serna
2870	47.561-033	Introduction to Behavioral Intervention in Autism (5/27-8/15/08)	> Online Course		3	P: Coursework in the psychology of child development, or related experience	Alisa Bahl
1241	47.562-031	Teaching and Positive Behavioral Support in Autism (5/27-8/15/08)	> Online Course		3	P: 47.561	Katherine Falwell
1427	47.562-032	Teaching and Positive Behavioral Support in Autism (5/27-8/15/08)	> Online Course		3	P: 47.561	Eric Boelter
1242	47.565-031	Measurement and Experimental Design in Behavioral Autism (5/27-8/15/08)	> Online Course		3	P: 47.561	SungWoo Kahng
2900	47.565-032	Measurement and Experimental Design in Behavioral Autism (5/27-8/15/08)	> Online Course		3	P: 47.561	David Kuhn
1243	47.566-031	Functional Analysis and Treatment of Challenging Behavior (5/27-8/15/08)	> Online Course		3	P: 47.562	Stephanie Contrucci-Kuhn
1428	47.568-031	Behavioral Intervention Program Models in Autism (5/27-8/15/08)	> Online Course		3	P: 47.562	Jennifer Crockett
2871	47.568-032	Behavioral Intervention Program Models in Autism (5/27-8/15/08)	> Online Course		3	P: 47.562	Richard Fleming

REGIONAL ECONOMIC AND SOCIAL DEVELOPMENT							
2855	57.512-011	Community Conflict Resolution	T/Th	6:00-9:15 pm	3		D. Turcotte/ M. Zapata Turcotte

WORK ENVIRONMENT							
2856	19.559-011	Conflict Resolution	T/Th	6:00-9:15 pm	3		D. Turcotte/ M. Zapata Turcotte

Graduate Courses Summer Session II

Except as noted: Day classes begin on July 7

M/W Evening Classes begin on July 7 and include 2 FRIDAYS: July 18 and August 1 at the regularly scheduled hours.

T/Th Evening Classes begin on July 8 and include 2 FRIDAYS: July 23 and August 8 at the regularly scheduled hours.

Reminder: It is important to check course numbers and prerequisites to ensure enrollment in the correct class.

Students interested in applying into Graduate degree or certificate programs should contact the Graduate Admissions office at 800-656-GRAD or www.uml.edu/grad. In some cases, a student may take only 6 credits prior to matriculating into a formal graduate degree program. Students with Bachelor's degrees from accredited institutions are eligible to enroll as non-degree students for a total of 12 credits prior to matriculating into formal Graduate degree programs. Generally, students must formally apply to graduate certificate programs before enrolling in graduate courses intended for specific certificate programs.

ISIS Class No.	Course No.	Title	Days	Time	Cr (Con)	P: Prerequisite C: Corequisite/Comments	Instructor
BUSINESS ADMINISTRATION							
1526	61.610-021	Financial Markets and Monetary Policy	T/Th	6:00-9:00 pm	3	P: MBA matriculated students and completion of MBA Foundation courses	Michael Carter
NOTE: The above MBA courses are also open to non-UML grad students who meet course prerequisites. If not currently registered in a program, please contact the MBA Coordinator, Kathleen Rourke, at 978-934-2848 for permission to take courses.							
ELECTRICAL AND COMPUTER ENGINEERING							
1307	16.560-021	Biomedical Instrumentation	T/Th	6:00-9:00 pm	3	P: Permission of instructor	Mufeed Mah'd
HEALTH							
2908	32.607-041*	Healthcare Information Systems (Held at Lowell General Hospital-Tyngsborough, MA)	Blended Course		3		A. James Lee/ John Goodrow
*This is a blended course (combination of face-to-face and online classes). The face-to-face classes meet Mondays from 6:00-9:00 pm on 7/7, 7/14, 7/21, 7/28, 8/4, 8/11.							
MATHEMATICS							
1210	92.527-021	Geometry	T/Th	8:30-11:30 am	3	Course is generally applicable only to the Teacher Option	Marvin Stick
PSYCHOLOGY							
1426	47.533-021	Mental Health Problems in the Community	T/Th	6:00-9:00 pm	3	Open to seniors with instructor permission	Peter Hantzis

GENERAL INFORMATION

General Information

Registrar's Office Hours

Dugan Hall 101, UML South
Monday-Thursday: 8:30 am-8:00pm
Friday: 8:30 am-5:00 pm

Continuing Studies, Corporate and Distance Education Office Hours

Paley Room, Southwick 202, UML North
Monday-Thursday: 8:30 am-8:00 pm
Friday: 8:30 am-5:00 pm

Holiday Hours and Special Hours

May 26: Memorial Day (University closed)
July 4: Independence Day (University Closed)

The week of June 30 through July 3, CSCDE and the Registrar's Office will be open from 8:30 am-5:00 pm (closed July 4).

The week of August 18 through August 22, CSCDE will be open from 8:30 am-5:00 pm, Monday-Thursday and 8:30 am-5:00 pm on Friday. The Registrar's Office will be open from 8:00 am-5:00 pm, Monday-Thursday and 8:00 am-5:00 pm on Friday.

Commencement: May 31, 2008

Phone Directory

Accounts Receivable.....(978) 934-3570
Bookstore — UML North.....(978) 934-2623
Bookstore — UML South.....(978) 934-6908
Continuing Studies
Main Number.....(978) 934-2474
Faculty and Student Support Center.....(978) 934-2474
Fax Number.....(978) 934-4006
Registrar's Office.....(978) 934-2550
Fax Number.....(978) 934-4076
Graduate School of Education.....(978) 934-4600
ISIS HELP Desk.....(978) 934-4357
Library — UML North
(Alumni/Lydon).....(978) 934-3205
Library — UML South
(O'Leary).....(978) 934-4550
UMass Lowell Main Number.....(978) 934-4000
UMass Lowell Directions.....(978) 934-5800
or www.uml.edu/maps
Weather Cancellations.....(978) 934-2121
Billing Information.....(978) 934-3570

See our Website at <http://continuinged.uml.edu>

REGISTER EARLY

Get a head start and register early! Although we cannot guarantee an opening in any class, your chances for being enrolled in the course of your choice are better when you register early. Please note that seats in laboratory courses are limited.

Registration Information

See Academic Calendar on page 18 for appropriate registration deadlines.

Student Information System

When using ISIS, the new Student Information System, Undergraduate, Graduate, and Continuing Studies students are able to perform the following transactions:

- search the course catalog and schedule of classes
- register for classes as well as add, drop and swap classes
- request official transcripts and designate the recipients of transcripts
- pay a bill
- accept and decline financial aid

Students also can access and print their:

- class schedules located under "View my class schedule"
- grades
- unofficial transcripts
- degree audit (View progress made toward a degree)
- advisor's name
- student invoice
- financial aid information

For more information, check out the "More Info" section at: <http://www.uml.edu/it/isis/studentss.html>
If you have a problem accessing your account, please contact the help desk at (978) 934-4357.

Returning students (i.e., students who have been enrolled in a course at any time during the last three semesters) can register and pay for courses online by using ISIS (Inter-Campus Student Information System). Returning students will have a User ID generated for them. To look up your ID, go to <http://isis.uml.edu> and click User ID Lookup. Once you have obtained your User ID, follow these easy steps to register for classes.

1. From any PC with an internet connection, go to <http://isis.uml.edu>
2. Click Student Self-Service Login.
3. Enter your User ID and password into the appropriate fields and click Submit.
4. Click Academics.
5. Click Enroll in a Class.
6. Select Term.
7. Click Add Classes.
8. Type the **Class Number** in the **Class Nbr** field. Please note, the class number is different from the course number.
9. You can search for the class number by clicking the magnifying glass. Enter the first two digits of the course number (found in the bulletin), into the subject area. Then enter the following three numbers of the course number into the catalog number box and then hit search. You can also find the class number and the course number on the CSCDE website <http://continuinged.uml.edu> or www.uml.edu/admin/registrar or in the CSCDE bulletin. Repeat Step 8 until all desired classes have been added.
10. Click the Submit button.

New students should use the mail, fax, or walk-in options to register.

Once the new student registration has been processed by the Registrar's Office, the student will receive an email to his/her personal email account (if provided) or receive a letter

mailed to his/her home. The student should check <http://isis.uml.edu> and then click on the User ID lookup. You can also access the new student checklist and information on online course confirmation (if applicable) available at <http://continuinged.uml.edu>. After you have obtained your ID number, you can log into <http://isis.uml.edu> and view your schedule.

Mail-In Registration:

Fill out the registration form and return it to:

1. University of Massachusetts Lowell
Registrar's Office
883 Broadway Street, Dugan 101
Lowell, MA 01854-5129
2. For classroom location and other scheduling information, please visit the Inter-Campus Student Information System (ISIS).

Fax-In Registration:

Fill out the registration form and fax it to (978) 934-4076.

Walk-In Registration is held at the Registrar's Office, 883 Broadway Street, Dugan Hall 101, UML South, Lowell, MA 01854-5104.

Please refer to the Registrar's Office for walk-in registration hours. Students are encouraged to use ISIS, the Web-Based Self-Service System whenever possible. Students taking online courses must obtain a UML email address as well as a log-on password. Please see the New Student Registration Form and Checklist posted on the CSCDE or UML Registrar's website. The checklist will facilitate the process to access your online courses.

Wait Listing

You may now put yourself on a wait list through ISIS if the course you want is full. When you try to register for a closed course, the system will ask you if you want to be put on a wait list. The wait list function also allows you to list a course you would like to drop if you are allowed into the closed course.

If space becomes available in a course, the wait list function will add you into the class in the order of your request. Please note that you **will not be notified** if you are put into the closed course. Check your schedule in ISIS to see if you are registered for the closed course.

If you no longer wish to register for a course you are wait listed for, you must remove yourself from the wait list through ISIS. If you do not remove yourself from the wait list, you run the risk of being registered for a course and will be responsible for the grade received as well as the tuition and fees incurred.

Email

A significant number of communications concerning the new Student Information System will be delivered to students via email. Information about the availability of class schedules, grade reports and financial awards that can be accessed using ISIS, the Web-Based Self-Service, will be sent to students via email.

To address this change in practice, UMass Lowell has implemented a new, robust email system and assigned UML email addresses to all students, including those enrolled in continuing studies courses. In addition, a new policy has been approved that supports email as an official means of communication and assigns responsibility to students for maintaining their UML email accounts.

Students should be using their UML accounts with the @student.uml.edu suffix to ensure they receive timely communications from the University. Please see <http://email.uml.edu> and check the student email link. New students will receive a letter from the Information Technology Office with their new UML email address.

REGISTRATION INFORMATION

Emergency Contact Information

Responding to increased concerns about security issues of all kinds on University campuses nationwide, we are initiating a process to require students to provide and/or verify Emergency Contact Information on a regular basis. This information will be used to contact designated individuals in the event of an emergency involving you as a student on campus. When you first log into ISIS for any reason this semester, you will notice an entry in Your Holds Summary indicating **Emergency Contact Verification**. This "Hold" will prevent all Registration/Add/Drop/Swap a Class activity until you take action to verify your Emergency Contact Information. You will be able to release this hold yourself through ISIS by clicking on the hold and following the instructions. We encourage you to be proactive and verify this information **BEFORE** you actually need to register for classes or use Add/Drop/Swap a Class functionality in ISIS. For assistance, a Help document has been posted on the ISIS website.

Identification Card

All CSCDE students who are using facilities on campus are required to obtain a photo ID card from the Access Services Office located in the UML South Dining Hall. The ID card is needed to access gated parking lots and labs. The office is open Monday through Friday from 8:30 a.m. to 5:00 p.m. Contact the Access Services Office at (978) 934-4211, email: Access_Services@uml.edu, if you have any questions.

Student ID Number

Your student ID number is your ISIS/UMass System number. To obtain your number go to <http://isis.uml.edu> and click on the user ID look up.

Institutional Disclosure

The University is required to disclose the availability of various types of information related to Federal programs and mandates under the Higher Education Acts. This information is located on the UML web at: http://continuinged.uml.edu/general/inst_disclosure.htm

Students with Disabilities

A student with a disability who needs special arrangements should contact the Counseling Center, at (978) 934-4574 early in the registration process. Special advising, registration assistance, preferential scheduling, and alternative examination procedures are available. Special parking is also available on a temporary basis.

The University's Annual Campus Crime and Safety Report

Under the Regulations of the Safe and Drug-Free Schools and Communities Act and the Jeanne Clery Act (formerly the Campus Security Act), the University is required annually to distribute to all faculty, staff and students a copy of the Annual Crime Report and the University's Policies and Procedures related to alcohol, other drugs, and sexual assault. These regulations permit us to publish this report electronically, and the current report is available on the internet at <http://www.uml.edu/police>.

Bookstore Locations

UML North — Falmouth First Floor, (978) 934-2623
UML South — UML South Dining Hall, (978) 934-6908

Please call the Bookstore to confirm the location of your textbook.

Students taking online courses can order books through the UMass Lowell Bookstore at <http://umlowell.bkstore.com>.

Financial Information

Tuition is priced on the listed credit hour unless the contact hour is different. Tuition is then based on the listed contact hour. See information on Financial Aid, TERI Loans, and Scholarships on our website at <http://continuinged.uml.edu>.

Tuition and Fee Information

Per Credit/Contact Hr.

Undergraduate Tuition	\$290.00
Undergraduate Audit	\$290.00
Undergraduate Off-Campus Courses/Audit*	\$290.00 to \$315.00
Undergraduate Online Courses	\$315.00
Undergraduate Online Courses Audit	\$315.00
Graduate Online Professional Courses and Audit (Other than M.B.A. online)	\$475.00
M.B.A. Online Courses	\$515.00
Graduate On-Campus and Off-Campus Courses and Audit* (Other than M.B.A. online)	\$465.00
Registration Fee per Term (non-refundable)	\$30.00
Late Fee for Non Payment	\$50.00
Fee for Undergraduate Degree application	\$40.00

Please note: Cost per credit includes access fee (parking and access to WebCT/Blackboard).

***Note:** Some tuitions may vary depending on customization and customer and program requirements.

Please note: Graduate students will be assessed a "First Year Student Services Fee" upon matriculation into a graduate degree or certificate program. Please see the Accounts Receivable website at <http://www.uml.edu/admin/ar/tuition.html> for more information.

Students who have checks returned due to insufficient funds will be charged a \$30.00 insufficient funds fee.

Payment Options

Payments may be made by cash, check, money order, M/C, Visa and Discover. Mail payments (made payable to UMass Lowell) to:

UMASS LOWELL

Attn: Treasury Office
883 Broadway St., Room 106
Lowell, MA 01854-5109

Payments may also be made in person at the cashier's window, Room 106, Dugan Hall, UML South.

Please note, a cash payment cannot be accepted after 4 pm. Students may also make a payment or view accounts online by logging on to the Student Information System (ISIS).

Overdue Accounts

Students will be permitted to attend class and to utilize facilities only after they have cleared all their financial obligations to the University. In addition, student transcripts and diplomas will not be released until all debts have been paid. All students are advised that the University uses the services of collection agencies authorized under the Commonwealth's Master Service Agreement. Students with a prior semester balance who are not enrolled for the current semester and are referred to a collection agency are held liable for all associated collection costs which may be substantial.

Directed Studies

Directed Studies, Practicums, Internships, and Applied Music Lessons are considered Special Programs and, as such, tuition remission, waivers, and certificates of eligibility cannot be accepted.

NOTE: Veterans' Information

Veterans must be matriculated in an undergraduate degree program and have all appropriate paperwork on file in the Registrar's Office, UML South, Dugan Hall 101, 883 Broadway Street, Lowell. For additional information, please see the website at http://www.uml.edu/admin/registrar/veterans/Veterans_Tuition_Waiver.html for detailed information.

Veterans' waivers are available for on-campus undergraduate courses provided there is a sufficient number of tuition-paying students enrolled to bear the cost of instruction and provided there is space available. Due to the high cost of online and off-campus courses, there are no waivers available for these courses. There are no waivers for Directed Studies, Practicums, and Internships. Merit and Need-Based Assistance Grants for online courses may be available to veterans who are presently enrolled in undergraduate degree and certificate programs and who are making satisfactory academic progress towards their degrees or certificates.

International Students

International students registering for continuing studies classes or enrolling in programs must provide proof of Visa status. Please submit a copy of your current Visa with your registration form. Students with F-1 or J-1 Visa status must provide a copy of their I-20 or DS-2019 form. These students will be allowed to count, per semester, only one distance learning (online) course, or 3 credits, toward the full-time undergraduate course load (12 hours) or the full-time graduate course load (9 hours). The ultimate responsibility to know and follow the USCIS rules rests upon the students themselves. Students holding B-1, B-2, or F-2 Visas may not register for any academic classes. The University of Massachusetts Lowell does not issue I-20 Forms to students for any Continuing Studies programs. Please contact the International Students and Scholars Office at ISSO@uml.edu with any questions.

Third-Party Payment

All students using company direct payment, military plans, state tuition waivers, or veterans' waivers must mail original authorization forms to UMass Lowell, Accounts Receivable Office, 883 Broadway Street, Room 101, Lowell, MA 01854-5110. Copies and/or faxes of tuition waivers cannot be

Academic Calendar

Summer 2008



Continuing Studies offers students a variety of scheduling options to meet their needs.

1. Ten-week online classes meet from May 27 through August 1.
2. Twelve-week online classes meet from May 27 through August 15.
3. A number of courses meet one day a week spanning May 27 through August 15.

May 27-June 27 Summer Session I

Face-to-Face Classes

Day classes begin on Tuesday, May 27.

M/W Evening classes begin on Wednesday, May 28 and include 3 FRIDAYS: May 30, June 6 and June 20 at the regularly scheduled hours.

T/Th Evening classes begin on Tuesday, May 27 and include 2 FRIDAYS: June 13 and June 27 at the regularly scheduled hours.

Final Examinations

Day Classes: June 26 for 3-credit courses,
June 27 for 4-credit courses
M/W Evening Classes: Wednesday, June 25
T/Th Evening Classes: Friday, June 27

July 7-August 15 Summer Session II

Face-to-Face Classes

Day Classes begin on Monday, July 7.

M/W Evening classes begin on Monday, July 7 and include 2 FRIDAYS: July 18 and August 1 at the regularly scheduled hours.

T/Th Evening classes begin on Tuesday, July 8 and include 2 FRIDAYS: July 25 and August 8 at the regularly scheduled hours.

Final Examinations

Day Classes: August 11 for 3-credit courses,
August 13 for 4-credit courses
M/W Evening Classes: Wednesday, August 13
T/Th Evening Classes: Thursday, August 14

Add/Drops can be processed in ISIS or Registrar's Office, UML South, Dugan Hall 101, 883 Broadway Street, Lowell.

Final Add/Drop Period

Undergraduate On-Campus	Add	Drop
Summer I 5/27-6/27	6/2 6/9 with permission	6/9 6/9

Summer II 7/7-8/15	7/11 7/18 with permission	7/18 7/18
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Accelerated 10-Week Online 5/27-8/1	6/2 6/9 with permission	6/9 6/9
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Full Term (Spanning both sessions) 5/27-8/15	6/2	6/9
Face-to-Face and Online	6/9 with permission	6/9

Graduate On-Campus	Add	Drop
Summer I 5/27-6/27	6/9	6/9
Summer II 7/7-8/15	7/18	7/18

Accelerated 10-Week Online 5/27-8/1	6/9	6/9
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Accelerated 8-Week Online (MBA) 5/27-7/18	6/9	6/9
Full Term (Spanning both sessions) 5/27-8/15	6/9	6/9
Face-to-Face and Online		

Withdrawal with "W" Notation

Undergraduate On-Campus	
Summer I 5/27-6/27	7/7
Summer II 7/7-8/15	8/8

Accelerated Online 10-Week 5/27-8/21	7/7
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8 Weeks 5/27-7/18	7/7
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Full Term (Spanning both sessions) 5/27-8/15	8/8
Face-to-Face and Online	

Graduate On-Campus	
Summer I 5/27-6/27	6/20
Summer II 7/7-8/15	8/8

Accelerated 10-Week Online (MBA) 5/27-8/1	7/25
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Accelerated 8-Week Online (MBA) 5/27-7/18	7/7
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Full Term (Spanning both sessions) 5/27-8/15	8/8
Face-to-Face and Online	

Students withdrawing from any class can do so by using ISIS, <http://isis.uml.edu>

honored. No tuition refund is awarded for late submission of eligibility form. Students receiving company reimbursement must prepay their own tuition. The University does not honor company reimbursement contingent upon grades.

NOTE:

Senior Citizens

Senior citizens (60 years or older) who are Massachusetts residents may attend classes in Continuing Studies credit programs tuition-free provided that there is a sufficient number of tuition-paying students enrolled to bear the cost of instruction and provided there is space available. **Please note that waivers are not retroactive and do not cover registration and other fees.** Proof of Massachusetts residency and birth date must be provided annually at the time of registration. There are no waivers available for online and off-campus courses.

Refund Schedule for Tuition and Fees

Students who withdraw from the University or drop all of their courses during the add/drop period will receive a 100% adjustment to tuition and fees for the semester except for the following:

- 1) The Continuing Studies \$30.00 non-refundable Registration Fee per term.
- 2) Students who are suspended or expelled for disciplinary reasons will forfeit all rights to a tuition and fee adjustment.
- 3) Any book voucher monies advanced to students and used at the bookstore. Students should contact Barnes and Noble at (978) 934-2623 for the bookstore refund policy on books and materials purchased directly from them.

Please note: There are no adjustments to tuition and fee charges if students withdraw or drop classes after the add/drop period of the academic semester.

Student records will be cleared and appropriate refunds will be awarded only after outstanding University bills (library fines, parking fines, etc.) are paid and all University-owned property is returned. If debts remain unpaid, students' academic permanent records will not be released and students will not be readmitted to the University.

Health Insurance

All students enrolled in 9 or more credits will be charged for health insurance. Students who have comparable health insurance may apply on ISIS to waive the charge. Please see the Accounts Receivable website and the Health Services website at www.uml.edu. Please note that all students who withdraw from or drop all of their classes within the first 30 days (calendar days) of the academic semester are not allowed to be enrolled in the University student health insurance plan.

Financial Aid

All students who are financial aid recipients are reminded that their aid is also reduced and the financial aid adjustment schedule may be different than what has been stated above as required by federal law. Students are strongly encouraged to discuss these issues with a financial aid counselor prior to withdrawing. Please note that money will be returned to the applicable financial aid assistance programs before any money is disbursed to the student.

International Students

The International Students and Scholars Office will notify the United States Citizenship and Immigration Services (USCIS) of all international students who either withdraw or drop below full-time status during the academic semester.

Graduate Teaching and/or Research Assistants

Graduate Teaching Assistant and/or Graduate Research Assistant contracts will be voided if students drop below full-time status.

Correct Social Security Number/Tax Identification Number

The University of Massachusetts Lowell must obtain your correct social security number (SSN) to file certain information returns with the IRS as well as to furnish a statement to you. The returns the University must file contain information about qualified tuition and related expenses (Form 1098-T, Tuition Payments Statement). The information about your tuition will help to determine whether you, or the person who can claim you as a dependent, may take the Hope credit or Lifetime Learning credit to reduce the federal income tax.

For additional information on financial policies and procedures, see www.uml.edu/admin/ar

Academic Information

The University of Massachusetts Lowell is accredited by the New England Association of Schools and Colleges, which accredits schools and colleges in the six New England states. Membership in the Association indicates that the institution has been evaluated carefully and meets the standards agreed upon by qualified educators. The programs in Civil Engineering Technology, Electronic Engineering Technology, and Mechanical Engineering Technology are accredited by the Technology Accreditation Commission of the Accreditation Board for Engineering and Technology. The Bachelor of Science in Business Administration (BSBA) is accredited by the AACSB — The International Association for Management Education.

Catalog

Students should refer to the Continuing Studies and Corporate Education catalog for rules, regulations, program outlines, and course descriptions. The catalog is available online at <http://continuing.uml.edu>.

Admission into an Undergraduate Certificate or Degree Program

Students who have graduated from high school or who have earned a high school equivalency certificate are invited to apply for programs leading to a Certificate or an Associate's or Bachelor's degree. Applications for all programs are accepted on a rolling admissions basis. Please send applications to UML Admissions/Continuing Studies and Corporate Education, c/o Kathleen Shannon, Dugan Hall 110, 883 Broadway Street, Lowell, MA 01854-5104. Note, there is a \$40 application fee for admission into the undergraduate degree programs. Please mail the fee along with your completed degree program application form. For a listing of our degree and certificate programs, please see pages 3-6. A student enrolled in any of our degree or certificate programs should schedule an appointment with the appropriate program advisor to help plan a schedule for degree or certificate completion. Please call Continuing Studies at (978) 934-2474 to learn about our programs or see our website at <http://continuing.uml.edu>

Admission into a Graduate Certificate or Degree Program

Students interested in applying into Graduate degree or certificate programs should access www.uml.edu/grad. Students with Bachelor's degrees from accredited institutions are eligible to enroll as non-degree students for a total of 12 credits prior to matriculating into formal Graduate degree programs. Students must formally apply to Graduate certificate programs before enrolling in Graduate courses intended for specific certificate programs.

Undergraduate Degree Completion

Students who expect to complete their degree requirements in the 2007-2008 academic year must arrange for a graduation interview. Please call Continuing Studies at (978) 934-2474. Students who anticipate graduating at the end of the Spring 2008 semester must complete the interview process by April 23, 2008. Students who anticipate graduating at the end of the Summer 2008 semester must complete the interview process by June 27, 2008. The University officially awards degrees to the Fall graduates in February of the following semester, and diplomas are available for students in March.

Commencement will be held on May 31, 2008.

Undergraduate Certificate Completion

When a student completes the necessary courses for a certificate program, the student should complete and submit a Certificate Award Petition and exit survey to Continuing Studies and Corporate Education. See the Continuing Studies website under Miscellaneous Forms at <http://continuing.uml.edu>.

Course Grades

Grades for the Summer semester will be available on ISIS, the Intercampus Student Information System.

Faculty & Student Support Information

Students are welcome to drop by Continuing Studies, located in the Paley Room, Southwick Hall 202, UML North from 8:30 am to 8:00 pm Monday-Thursday and 8:30 am to 5:00 pm Friday to obtain general information on Associate's and Bachelor's degrees and certificate programs, and/or to obtain brochures. Call (978) 934-2474 for information or email to Continuing_Education@uml.edu. For questions on Graduate programs, see the website at www.uml.edu/grad.

Appointments with Faculty Program Coordinators

Students are encouraged to review their transcripts and their curriculum programs. Students may schedule appointments with Faculty Program Coordinators and Faculty and Student Support Specialists to discuss transcript issues, program degree requirements and other academic matters. In addition, Faculty Evening Supervisors are available to answer questions and conduct status reviews. Students are encouraged to call Continuing Studies and Corporate Education at (978) 934-2474 to schedule an appointment. Most appointments are held on UML North in the Faculty and Student Support Center. Appointments for the Liberal Arts programs are held in Coburn Hall, Room 105, UML South. Phone interviews also are available. You may also email our Program Coordinators and Faculty Support Specialists.

Faculty Program Coordinators and Advisors

Biology, Chemistry, Environmental Science, Physics:
Paul Damour, Associate Professor
Civil Engineering Technology:
Michael Berry
Electronic Engineering Technology:
Fahd Wakim, Professor
Luciano Boglione, Assistant Professor
Information Technology:
Ann Marie Hurley, Professor
Liberal Arts, Criminal Justice, Paralegal Studies:
Joseph Lipchitz, Professor
Mathematics: Alan Doerr, Professor
Mechanical Engineering Technology:
Robert Tuholski, Professor,
Engineering Technology Department Head
Glenn Sundberg, Associate Professor

Plastics Engineering Technology:

Stephen Driscoll, Professor

Psychology:

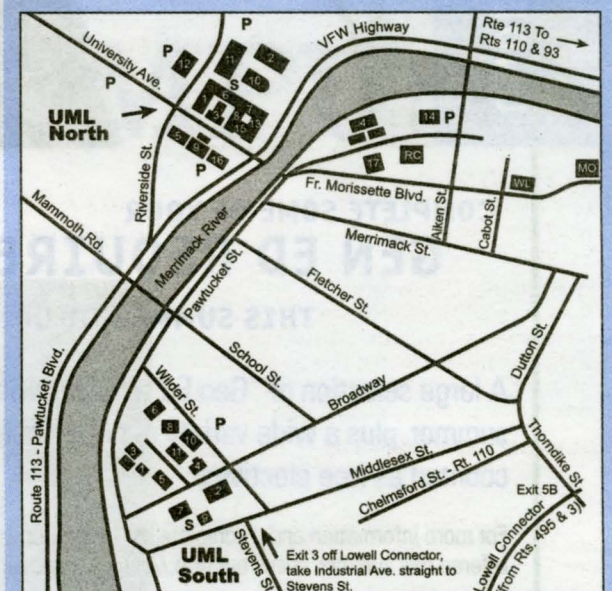
Richard Siegel, Professor

Faculty Evening Supervisors

Professor Alan Doerr

Professor Bernard Shapiro

Campus Information



North		South	
1	BL Ball Engineering Ctr.	1	Allen Hall
2	Costello Gym	2	CO Coburn
3	Cummock Hall	3	Concordia Hall
4	Dormitories	4	Dining Hall
5	Eames Hall	5	DU Dugan Hall
6	EB Engineering	6	DR Durgin Hall
7	FA Falmouth	7	MA Mahoney Hall
8	KI Kitson	8	OL O'Leary Library
9	LL Alumni/Lydon Library	9	Power Plant
10	EC Pinanski	10	SU Student Union
11	OH Olney	11	WE Weed Hall
12	OS Olsen	P	Parking
13	PA Pasteur	S	Security
14	Research Foundation		
15	SO Southwick Hall	Downtown	
16	Smith Hall	MO	Mogan Center
17	FOX Fox Student Union	WL	Wannalancit
RC	Recreation Center		
P	Parking		
S	Security		

Directions

For UMass Lowell online directions, go to www.uml.edu/maps. For UMass Lowell directions, call (978) 934-5800.

Parking permits are not required for the Summer Session.

For UMass Lowell online directions, go to www.uml.edu/maps. For UMass Lowell directions, call (978) 934-5800.

Students are encouraged to park in any commuter parking lot. **Students and faculty should not compromise public safety by blocking access of fire lanes, ambulance and other emergency vehicles.** Students and faculty should not park in handicap spaces unless they display a handicap sticker. Student and faculty cars will be towed and/or ticketed for violations. In addition, the Lowell Police will tow student and faculty cars if cars are parked in "Residential Parking" areas. Please call the Access Services Office at (978) 934-4211 for additional information.

Locating Your Classroom

Refer to the map and building key above to locate where your class will be held. If your class has not been assigned a classroom when you register, please check ISIS Web Self-Service at <http://isis.uml.edu>.

This newspaper is printed at no cost to the Commonwealth of Massachusetts. The University of Massachusetts Lowell is an Equal Opportunity/Affirmative Action University and does not discriminate in employment or access to programs or services on the basis of race, sex, sexual orientation, color, national origin, religion, handicap, or veteran's status and is in compliance with Title IX of the Education Amendments of 1972 and Section 504 of the Rehabilitation Act of 1973, and the Americans With Disabilities Act, 1990. Any inquiries and/or grievances may be referred to the Affirmative Action Officer, the Title IX Coordinator, the Disabilities Coordinator and/or to the Director, Office for Civil Rights, U.S. Department of Health and Human Services, Washington, D.C.

Every effort has been made to ensure the accuracy of the information presented in this bulletin. However, Continuing Studies, Corporate & Distance Education (CSCDE) reserves the right to implement new rules and regulations and to make changes of any nature in its program, calendar, procedures and standards, degree requirements, and academic schedules (including, without limitations, changes in course content and class schedules), locations, tuition, and fees. Whenever possible, appropriate notice of such changes will be given before they become effective. When changes are necessary, Continuing Studies exerts reasonable efforts to provide comparable or substantially equivalent instructional services and facilities for those originally designated. However, CSCDE assumes no liability for failure to deliver or for delay in delivering such services (including those in support of academic functions or student life) when the causes for such failure or delay are beyond the reasonable control of Continuing Studies — which causes include, without limitation, the following: power failure, fire, accident, natural disaster, work slowdown and strikes, loss of personnel, and acts of public authorities. In registering for courses, each student assumes full responsibility for knowledge of and compliance with the definitions, regulations, and procedures for the University as set forth in the appropriate publications and bulletins.

